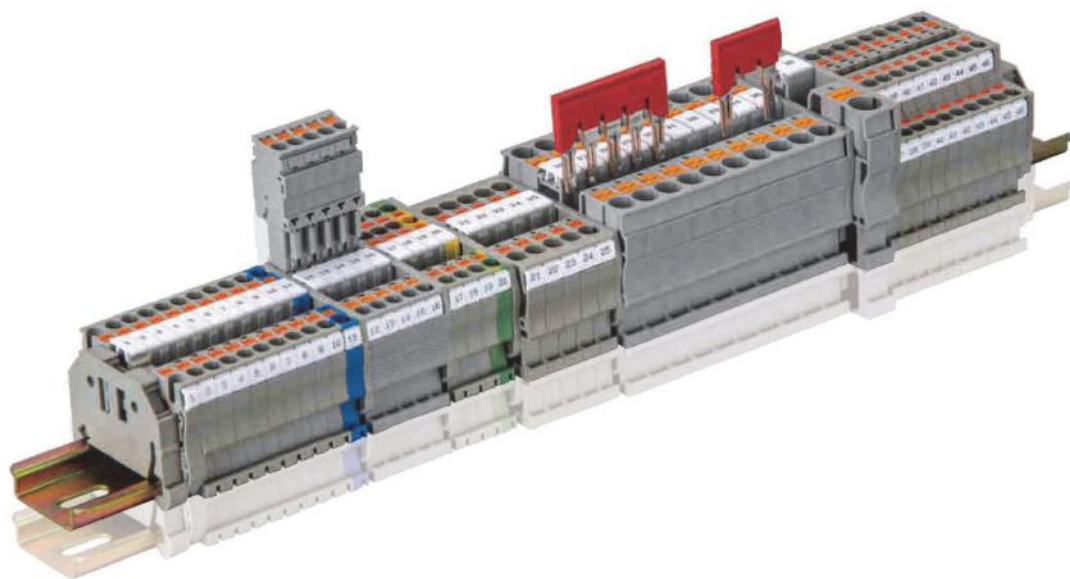


# GKONCY ELECTRIC

广奇电气



**ELECTRICAL**  
CONNECTION SOLUTION SUPPLIER  
电气连接解决方案供应商





## Push-in Mini Din-Rail Terminal block



JWD2-1.5NZ/15



JWD2-2.5NZ/15



JWD2-4NZ/15

For this new NZ in-line terminal, the rigid conductor or the flexible conductor with a crimp terminal can be directly inserted to the terminal inlet without any tool. It is convenient and practical.  
The guide rail is TH15:5.5.

| Terminal thickness: 3.5 |             |                           |                  |             | Terminal thickness: 5.2 |                 |                           |                  |          | Terminal thickness: 6.2 |                  |                           |     |     |
|-------------------------|-------------|---------------------------|------------------|-------------|-------------------------|-----------------|---------------------------|------------------|----------|-------------------------|------------------|---------------------------|-----|-----|
| (IEC)                   | Rigid solid | Flexible multi-conduc tor | I                | Ui          | (IEC)                   | Rigid solid     | Flexible multi-conduc tor | I                | Ui       | (IEC)                   | Rigid solid      | Flexible multi-conduc tor | I   | Ui  |
| (mm²)                   | (mm²)       | (mm²)                     | (A)              | (V)         | (mm²)                   | (mm²)           | (mm²)                     | (A)              | (V)      | (mm²)                   | (mm²)            | (mm²)                     | (A) | (V) |
| 0.14-1.5                |             | 0.14-1.5                  | 17.5             | 500         | 0.14-4                  |                 | 0.14-2.5                  | 24               | 800      | 0.2-6                   |                  | 0.2-4                     | 32  | 500 |
| Type                    | Part Number | Package quantity          | Type             | Part Number | Package quantity        | Type            | Part Number               | Package quantity | Type     | Part Number             | Package quantity |                           |     |     |
| JWD2-1.5NZ/15           | 9311093     | 80                        | JWD2-2.5NZ/15    | 9311111     | 80                      | JWD24NZ/15      | 9311114                   | 80               |          |                         |                  |                           |     |     |
| JWD2-1.5NZ/15 BU        | 9311094     | 80                        | JWD2-2.5NZ/15 BU | 9311112     | 80                      | JWD2-4NZ/15BU   | 9311115                   | 80               |          |                         |                  |                           |     |     |
| G-D2-1.5NZ/15           | 9311095     | 50                        | G-D2-2.5NZ/15    | 9311113     | 50                      | G-D2WNZ/15      | 9311116                   | 50               |          |                         |                  |                           |     |     |
| FBS2-3.5                | lmax:17.5   | 9311096                   | 200              | FBS2-5      | lmax:24A                | 5130161         | 200                       | FBS2-6           | lmax:32A | 5130336                 | 200              |                           |     |     |
| FBS3-3.5                | 17.5        | 9311097                   | 200              | FBS3-5      | 24A                     | 5130174         | 200                       | FBS3-6           | 32A      | 5130242                 | 200              |                           |     |     |
| FBS4-3.5                | 17.5        | 9311098                   | 100              | FBS4-5      | 24A                     | 5130187         | 100                       | FBS4-6           | 32A      | 5130255                 | 100              |                           |     |     |
| FBS5-3.5                | 17.5        | 9311099                   | 100              | FBS5-5      | 24A                     | 5130190         | 100                       | FRS5-6           | 32A      | 5130349                 | 100              |                           |     |     |
| FBS10-3.5               | 17.5        | 9311100                   | 100              | FBS10-5     | 24A                     | 5130213         | 100                       | FBS10-6          | 32A      | 5130271                 | 100              |                           |     |     |
| FBS20-3.5               | 17.5        | 9311101                   | 50               | FBS20-5     | 24A                     | 5130226         | 50                        | FBS20-6          | 32A      | 5130365                 | 50               |                           |     |     |
|                         |             |                           |                  |             |                         |                 |                           |                  |          |                         |                  |                           |     |     |
|                         |             |                           |                  |             |                         |                 |                           |                  |          |                         |                  |                           |     |     |
| SZF 1-0.4X2.5           | 0204517     | 10                        | SZF 1-0.6X3.5    | 0204517     | 10                      | SZF 1-0.6X3.5   | 0204517                   | 10               |          |                         |                  |                           |     |     |
|                         |             |                           |                  |             |                         |                 |                           |                  |          |                         |                  |                           |     |     |
| ZBFM3.5                 | 9311103     | 1000                      | ZBFM5            | 0 903 595   | 1000                    | ZBFM6           | 0 903 618                 | 1000             |          |                         |                  |                           |     |     |
| PS-3.5                  | 9311172     | 10                        | PS-5             | 9311173     | 10                      | PS-6            | 9311174                   | 10               |          |                         |                  |                           |     |     |
| 3.5/33.6/2.2            |             |                           | 5.2/32/2.2       |             |                         | 6.2/56/35.3/2.2 |                           |                  |          |                         |                  |                           |     |     |
| 28.2                    |             |                           | 30.7             |             |                         | 36.5/44         |                           |                  |          |                         |                  |                           |     |     |
| 0.14-1.5                |             |                           | 0.14-4           |             |                         | 0.2-6           |                           |                  |          |                         |                  |                           |     |     |
| 0.14-1.5                |             |                           | 0.34-2.5         |             |                         | 0.5-4           |                           |                  |          |                         |                  |                           |     |     |
| 8-10                    |             |                           | 10               |             |                         | 10              |                           |                  |          |                         |                  |                           |     |     |
| PA                      |             |                           | PA               |             |                         | PA              |                           |                  |          |                         |                  |                           |     |     |
| V0                      |             |                           | V0               |             |                         | V0              |                           |                  |          |                         |                  |                           |     |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Mini Ground Din-Rail Terminal block



**JWD2-1.5NZ/15PE**



**JWD2-2.5NZ/15PE**



**JWD2-4NZ/15PE**

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 5.2

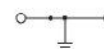
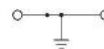
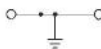
| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

|                                                                                                                      |                                                                        |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       | 0.14-4                                                                                  |                                                                |                                       | 0.2-6                                                                                   |                                                                |                                       |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                                                                                      | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      |
| In-line spring terminal mounted on  | Yellow + green                                                         | The guide rail is TH15.5 5.                                                         | JWD2-1.5NZ/15PE                                                                                           | 9311117                                                        | 80                                    | JWD2-2.5NZ/15PE                                                                         | 9311118                                                        | 80                                    | JWD2-4NZ/15PE                                                                           | 9311119                                                        | 80                                    |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-1.5NZ/15                                                                                             | 9311095                                                        | 50                                    | G-D2-2.5NZ/15                                                                           | 9311113                                                        | 50                                    | G-D2WNZ/15                                                                              | 9311116                                                        | 50                                    |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-3.5 lmax:17.5<br>FBS3-3.5 17.5<br>FBS4-3.5 17.5<br>FBS5-3.5 17.5<br>FBS10-3.5 17.5<br>FBS20-3.5 17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5 lmax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-6 lmax:32A<br>FBS3-6 32A<br>FBS4-6 32A<br>FRS5-6 32A<br>FBS10-6 32A<br>FBS20-6 32A | 5130336<br>5130242<br>5130255<br>5130349<br>5130271<br>5130365 | 200<br>200<br>200<br>100<br>100<br>50 |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |   |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |  |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 1-0.4X2.5                                                                                             | 0204517                                                        | 10                                    | SZF 1-0. 6X3.5                                                                          | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM3.5                                                                                                   | 9311103                                                        | 1000                                  | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM6                                                                                   | 0 903 618                                                      |                                       |
| (8) Test plug                                                                                                        | Grey                                                                   |  |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| <b>Terminal dimensions</b>                                                                                           |                                                                        |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 3.5/33.6/2.2                                                                                              |                                                                |                                       | 5.2/32/2.2                                                                              |                                                                |                                       | 6.2/56/35.3/2.2                                                                         |                                                                |                                       |
| Small guide rail: TH15.5.5 (height)                                                                                  | [mm]                                                                   |                                                                                     | 28.2                                                                                                      |                                                                |                                       | 30.7                                                                                    |                                                                |                                       | 36.5/44                                                                                 |                                                                |                                       |
| <b>Connection (directly pluggable)</b>                                                                               |                                                                        |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       | 0.14-4                                                                                  |                                                                |                                       | 0.2-6                                                                                   |                                                                |                                       |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       | 0.34-2.5                                                                                |                                                                |                                       | 0.5-4                                                                                   |                                                                |                                       |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 8-10                                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                                                                        |                                                                |                                       | PA                                                                                      |                                                                |                                       | PA                                                                                      |                                                                |                                       |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                                                                        |                                                                |                                       | V0                                                                                      |                                                                |                                       | V0                                                                                      |                                                                |                                       |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in General Din-Rail Terminal block



JWD2-1.5NZ



JWD2-2.5NZ



JWD2-4NZ

|                                                                                                                      |  |  | Terminal thickness: 3.5 |                                                                                     |                          |                 |             | Terminal thickness: 5.2 |                  |                          |                   |             | Terminal thickness: 6.2 |                  |                          |                 |             |         |                  |  |       |  |    |  |     |  |
|----------------------------------------------------------------------------------------------------------------------|--|--|-------------------------|-------------------------------------------------------------------------------------|--------------------------|-----------------|-------------|-------------------------|------------------|--------------------------|-------------------|-------------|-------------------------|------------------|--------------------------|-----------------|-------------|---------|------------------|--|-------|--|----|--|-----|--|
|                                                                                                                      |  |  | (IEC)                   | Rigid solid                                                                         | Flexible multi-conductor | I               | Ui          | (IEC)                   | Rigid solid      | Flexible multi-conductor | I                 | Ui          | (IEC)                   | Rigid solid      | Flexible multi-conductor | I               | Ui          |         |                  |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | (mm <sup>2</sup> )      |                                                                                     | (mm <sup>2</sup> )       | (A)             | (V)         | (mm <sup>2</sup> )      |                  | (mm <sup>2</sup> )       | (A)               | (V)         | (mm <sup>2</sup> )      |                  | (mm <sup>2</sup> )       | (A)             | (V)         |         |                  |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | IEC60947-7-1            |                                                                                     |                          |                 |             | IEC60947-7-1            |                  |                          |                   |             | IEC60947-7-1            |                  |                          |                 |             |         |                  |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 0.14-1.5                |                                                                                     | 0.14-1.5                 |                 | 17.5        |                         | 500              |                          | 0.14-4            |             | 0.14-2.5                |                  | 24                       |                 | 800         |         | 0.2-6            |  | 0.2-4 |  | 32 |  | 800 |  |
| Description                                                                                                          |  |  | Color                   | Schematic diagram                                                                   |                          | Type            | Part Number |                         | Package quantity |                          | Type              | Part Number |                         | Package quantity |                          | Type            | Part Number |         | Package quantity |  |       |  |    |  |     |  |
| In-line spring terminal mounted on  |  |  | Grey Blue               |                                                                                     |                          | JWD2-1.5NZ      | 9311117     |                         | 80               |                          | JWD2-2.5NZ        | 9311009     |                         | 100              |                          | JWD2-4NZ        | 9311011     |         | 75               |  |       |  |    |  |     |  |
|                                                                                                                      |  |  |                         |                                                                                     |                          | JWD2-1.5NZ BU   | 9311118     |                         | 80               |                          | JWD2-2.5NZ BU     | 9311010     |                         | 100              |                          | JWD2-4NZ BU     | 9311012     |         | 75               |  |       |  |    |  |     |  |
| (1) End plate                                                                                                        |  |  | Grey                    |    |                          | G-D2-1.5NZ      | 9311231     |                         | 50               |                          | G-D2-2.5a         | 5130417     |                         | 50               |                          | G-D2-4NZ        | 910500      |         | 50               |  |       |  |    |  |     |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          |  |  | 2 digits                |                                                                                     |                          | FBS2-3.5        | Imax:17.5   | 9311096                 | 200              |                          | FBS2-5            | Imax:24A    | 5130161                 | 200              |                          | FBS2-6          | Imax:32A    | 5130336 | 200              |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 3 digits                |                                                                                     |                          | FBS3-3.5        | 17.5        | 9311097                 | 200              |                          | FBS3-5            | 24A         | 5130174                 | 200              |                          | FBS3-6          | 32A         | 5130242 | 200              |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 4 digits                |    |                          | FBS4-3.5        | 17.5        | 9311098                 | 200              |                          | FBS4-5            | 24A         | 5130187                 | 200              |                          | FBS4-6          | 32A         | 5130255 | 100              |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 5 digits                |                                                                                     |                          | FBS5-3.5        | 17.5        | 9311099                 | 100              |                          | FBS5-5            | 24A         | 5130190                 | 100              |                          | FRS5-6          | 32A         | 5130349 | 10               |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 10 digits               |                                                                                     |                          | FBS10-3.5       | 17.5        | 9311100                 | 100              |                          | FBS10-5           | 24A         | 5130213                 | 100              |                          | FBS10-6         | 32A         | 5130271 | 10               |  |       |  |    |  |     |  |
|                                                                                                                      |  |  | 20 digits               |                                                                                     |                          | FBS20-3.5       | 17.5        | 9311101                 | 50               |                          | FBS20-5           | 24A         | 5130226                 | 50               |                          | FBS20-6         | 32A         | 5130365 | 50               |  |       |  |    |  |     |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |  |  |                         |  |                          |                 |             |                         |                  |                          |                   |             |                         |                  |                          |                 |             |         |                  |  |       |  |    |  |     |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |  |  |                         |  |                          | GF-D2-4a        | 51 30 72 1  |                         | 50               |                          | GF-D2-4a          | 5130721     |                         | 50               |                          | GF-D2-4a        | 5130721     |         | 50               |  |       |  |    |  |     |  |
| (5) Screwdriver                                                                                                      |  |  |                         |  |                          | SZF 1-0.4X2.5   | 0204517     |                         | 10               |                          | SZF 1-0.6X3.5     | 0204517     |                         | 10               |                          | SZF 1-0.6X3.5   | 0204517     |         | 10               |  |       |  |    |  |     |  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              |  |  | White                   |                                                                                     |                          | ZP3.5           | 9311102     |                         | 100              |                          | ZP5               | 8 868 102   |                         | 100              |                          | ZP-6            | 8 868 103   |         | 100              |  |       |  |    |  |     |  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              |  |  | White                   |                                                                                     |                          | ZBFM3.5         | 9311103     |                         | 1000             |                          | ZBFM5             | 0 903 595   |                         | 1000             |                          | ZBFM6           | 0 903 618   |         | 1000             |  |       |  |    |  |     |  |
| (8) Test plug                                                                                                        |  |  | Grey                    |  |                          | PS-3.5          | 9311172     |                         | 10               |                          | PS-5              | 9311173     |                         | 10               |                          | PS-6            | 9311174     |         | 10               |  |       |  |    |  |     |  |
| Terminal dimensions                                                                                                  |  |  |                         |                                                                                     |                          |                 |             |                         |                  |                          |                   |             |                         |                  |                          |                 |             |         |                  |  |       |  |    |  |     |  |
| Thickness / length / height / end plate thickness                                                                    |  |  | [mm]                    |                                                                                     |                          | 3.5/45/30.5/2.2 |             |                         |                  |                          | 5.2/48.5/35.3/2.2 |             |                         |                  |                          | 6.2/56/35.3/2.2 |             |         |                  |  |       |  |    |  |     |  |
| Height (TH35:7.5/TH35:15)                                                                                            |  |  | [mm]                    |                                                                                     |                          | 32/39.5         |             |                         |                  |                          | 36.5/44           |             |                         |                  |                          | 36.5/44         |             |         |                  |  |       |  |    |  |     |  |
| Connection (directly pluggable)                                                                                      |  |  |                         |                                                                                     |                          |                 |             |                         |                  |                          |                   |             |                         |                  |                          |                 |             |         |                  |  |       |  |    |  |     |  |
| Rigid                                                                                                                |  |  | [mm <sup>2</sup> ]      |                                                                                     |                          | 0.14-1.5        |             |                         |                  |                          | 0.14-4            |             |                         |                  |                          | 0.2-6           |             |         |                  |  |       |  |    |  |     |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           |  |  | [mm <sup>2</sup> ]      |                                                                                     |                          | 0.14-1.5        |             |                         |                  |                          | 0.34-2.5          |             |                         |                  |                          | 0.5-4           |             |         |                  |  |       |  |    |  |     |  |
| Stripping length                                                                                                     |  |  | [mm]                    |                                                                                     |                          | 8-10            |             |                         |                  |                          | 10                |             |                         |                  |                          | 10              |             |         |                  |  |       |  |    |  |     |  |
| Insulation material                                                                                                  |  |  |                         |                                                                                     | PA                       |                 |             |                         |                  | PA                       |                   |             |                         |                  | PA                       |                 |             |         |                  |  |       |  |    |  |     |  |
| Grading as per UL 94                                                                                                 |  |  |                         |                                                                                     | V0                       |                 |             |                         |                  | V0                       |                   |             |                         |                  | V0                       |                 |             |         |                  |  |       |  |    |  |     |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in General Din-Rail Terminal block



JWD2-6NZ



JWD2-10NZ



JWD2-16NZ

|                                                                                                                      |                                                                        |                                                                                     | Terminal thickness: 8.2                         |                                       |                                                     |                               |                           | Terminal thickness: 10.2 |                           |                           |                  |                           | Terminal thickness: 12.2  |                    |                           |                           |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------|-----------------------------------------------------|-------------------------------|---------------------------|--------------------------|---------------------------|---------------------------|------------------|---------------------------|---------------------------|--------------------|---------------------------|---------------------------|------------------|
|                                                                                                                      |                                                                        |                                                                                     | (IEC)                                           | Rigid solid                           | Flexible multi-cond uctor                           | I                             | Ui                        | (IEC)                    | Rigid solid               | Flexible multi-cond uctor | I                | Ui                        | (IEC)                     | Rigid solid        | Flexible multi-cond uctor | I                         | Ui               |
|                                                                                                                      |                                                                        |                                                                                     | (mm <sup>2</sup> )                              | (mm <sup>2</sup> )                    | (mm <sup>2</sup> )                                  | (A)                           | (V)                       | (mm <sup>2</sup> )       | (mm <sup>2</sup> )        | (mm <sup>2</sup> )        | (A)              | (V)                       | (mm <sup>2</sup> )        | (mm <sup>2</sup> ) | (mm <sup>2</sup> )        | (A)                       | (V)              |
|                                                                                                                      |                                                                        |                                                                                     | IEC60947-7-1                                    |                                       |                                                     |                               |                           | IEC60947-7-1             |                           |                           |                  |                           | IEC60947-7-1              |                    |                           |                           |                  |
|                                                                                                                      |                                                                        |                                                                                     | 0.5-10                                          |                                       | 0.5-6                                               | 41                            | 1000                      | 0.5-16                   |                           | 0.5-10                    | 57               | 1000                      | 0.5-25                    |                    | 0.5-16                    | 76                        | 1000             |
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                            | Part Number                           | Package quantity                                    | Type                          | Part Number               | Package quantity         | Type                      | Part Number               | Package quantity | Type                      | Part Number               | Package quantity   | Type                      | Part Number               | Package quantity |
| In-line spring terminal mounted on  | Grey<br>Blue                                                           |                                                                                     | JWD2-6NZ<br>JWD2-6NZ BU                         | 9311013<br>9311014                    | 52<br>52                                            | JWD2-10NZ<br>JWD2-10NZ BU     | 9311015<br>9311016        | 40<br>40                 | JWD2-16NZ<br>JWD2-16NZ BU | 9311017<br>9311018        | 50<br>50         | JWD2-16NZ<br>JWD2-16NZ BU | 9311017<br>9311018        | 50<br>50           | JWD2-16NZ<br>JWD2-16NZ BU | 9311017<br>9311018        | 50<br>50         |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-6NZ                                        | 9311003                               | 50                                                  | G-D2-10NZ                     | 9311004                   | 50                       | G-D2-16NZ                 | 9311005                   | 50               | G-D2-16NZ                 | 9311005                   | 50                 | G-D2-16NZ                 | 9311005                   | 50               |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-8<br>FBS3-8<br>FBS4-8<br>FBS5-8<br>FBS10-8 | Imax: 41A<br>41A<br>41A<br>41A<br>41A | 5130284<br>5130297<br>5130307<br>5130310<br>5130323 | 100<br>100<br>100<br>50<br>50 | FBS2-10<br>Imax: 57A      | 5105947                  | 100                       | FBS2-12<br>Imax: 76A      | 5105950          | 100                       | FBS2-12<br>Imax: 76A      | 5105950            | 100                       | FBS2-12<br>Imax: 76A      | 5105950          |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |   | RB 6-(2.5/4)<br>Imax:48A                        |                                       | 5130860                                             | 100                           | RB 10-(2.2/4)<br>Imax:55A | 5130873                  | 100                       | RB 16-(2.5/4)<br>Imax:63A | 5130886          | 100                       | RB 16-(2.5/4)<br>Imax:63A | 5130886            | 100                       | RB 16-(2.5/4)<br>Imax:63A | 5130886          |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |  | GF-D2-6a                                        |                                       | 5124481                                             | 50                            |                           |                          |                           |                           |                  |                           |                           |                    |                           |                           |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 2-0.8X4.0                                   |                                       | 0204520                                             | 10                            | SZF 3-1.0X5.5             | 0206612                  | 10                        | SZF 3-1.0X5.5             | 02106612         | 10                        | SZF 3-1.0X5.5             | 02106612           | 10                        | SZF 3-1.0X5.5             | 02106612         |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     | ZP8                                             |                                       | 8 868 104                                           | 100                           | ZP10                      |                          | 8 868 105                 | 100                       | ZP10             |                           | 8 868 105                 | 100                | ZP10                      |                           | 8 868 105        |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM8                                           |                                       | 0 903 734                                           | 1000                          | ZBFM8                     |                          | 0 903 734                 | 1000                      | ZBFM8            |                           | 0 903 734                 | 1000               | ZBFM8                     |                           | 0 903 734        |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-8                                            |                                       | 9311175                                             | 10                            |                           |                          |                           |                           |                  |                           |                           |                    |                           |                           |                  |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                                                 |                                       |                                                     |                               |                           |                          |                           |                           |                  |                           |                           |                    |                           |                           |                  |
| Thickness / length / height / end plate thickness                                                                    |                                                                        |                                                                                     | 8.2/57.7/42.2/2.2                               |                                       |                                                     |                               |                           | 10.2/67.7/49.5/2.2       |                           |                           |                  |                           | 12.2/80.5/52.5/2.2        |                    |                           |                           |                  |
| Height (TH35.7.5/TH35.15)                                                                                            |                                                                        |                                                                                     | 43.5/51                                         |                                       |                                                     |                               |                           | 50.5/58                  |                           |                           |                  |                           | 52.6/60.1                 |                    |                           |                           |                  |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                                                 |                                       |                                                     |                               |                           |                          |                           |                           |                  |                           |                           |                    |                           |                           |                  |
| Rigid                                                                                                                |                                                                        |                                                                                     | 0.5-10                                          |                                       |                                                     |                               |                           | 0.5-16                   |                           |                           |                  |                           | 0.5-25                    |                    |                           |                           |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           |                                                                        |                                                                                     | 1-6                                             |                                       |                                                     |                               |                           | 2.5-10                   |                           |                           |                  |                           | 2.5-16                    |                    |                           |                           |                  |
| Stripping length                                                                                                     |                                                                        |                                                                                     | 12                                              |                                       |                                                     |                               |                           | 18                       |                           |                           |                  |                           | 18                        |                    |                           |                           |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                              |                                       |                                                     |                               |                           | PA                       |                           |                           |                  |                           | PA                        |                    |                           |                           |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                              |                                       |                                                     |                               |                           | V0                       |                           |                           |                  |                           | V0                        |                    |                           |                           |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in General Ground Din-Rail Terminal block



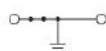
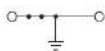
JWD2-1.5NZ PE

JWD2-2.5NZPE

JWD2-4NZPE

|                                                                                                                      |              |                                                                                     | Terminal thickness: 3.5 |             |                          |                  |                 | Terminal thickness: 5.2 |             |                          |                 |          | Terminal thickness: 6.2 |                  |                          |     |     |
|----------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------|-------------|--------------------------|------------------|-----------------|-------------------------|-------------|--------------------------|-----------------|----------|-------------------------|------------------|--------------------------|-----|-----|
|                                                                                                                      |              |                                                                                     | (IEC)                   | Rigid solid | Flexible multi-conductor | I                | Ui              | (IEC)                   | Rigid solid | Flexible multi-conductor | I               | Ui       | (IEC)                   | Rigid solid      | Flexible multi-conductor | I   | Ui  |
|                                                                                                                      |              |                                                                                     | (mm <sup>2</sup> )      |             | (mm <sup>2</sup> )       | (A)              | (V)             | (mm <sup>2</sup> )      |             | (mm <sup>2</sup> )       | (A)             | (V)      | (mm <sup>2</sup> )      |                  | (mm <sup>2</sup> )       | (A) | (V) |
|                                                                                                                      |              |                                                                                     | IEC60947-7-2            |             |                          |                  |                 | IEC60947-7-2            |             |                          |                 |          | IEC60947-7-2            |                  |                          |     |     |
|                                                                                                                      |              |                                                                                     | 0.14-1.5                |             | 0.14-1.5                 |                  |                 | 0.14-4                  |             | 0.14-2.5                 |                 |          | 0.2-6                   |                  | 0.2-4                    |     |     |
| Description                                                                                                          | Color        | Schematic diagram                                                                   | Type                    |             | Part Number              | Package quantity | Type            |                         | Part Number | Package quantity         | Type            |          | Part Number             | Package quantity |                          |     |     |
| In-line spring terminal mounted on  | Grey<br>Blue |                                                                                     | JWD2-1.5NZPE            |             | 9311206                  | 80               | JWD2-2. 5NZPE   |                         | 9311020     | 100                      | JWD2-4NZPE      |          | 9311021                 | 75               |                          |     |     |
| (1) End plate                                                                                                        | Grey         |    | G-D2-1.5NZ              |             | 9311231                  | 50               | G-D2-2. 5a      |                         | 5130417     | 50                       | G-D2-4NZ        |          | 910500                  | 50               |                          |     |     |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits     |    | FBS2-3.5                | Imax:17.5   | 9311096                  | 200              | FBS2-5          | Imax:24A                | 5130161     | 200                      | FBS2-6          | Imax:32A | 5130336                 | 200              |                          |     |     |
|                                                                                                                      | 3 digits     |                                                                                     | FBS3-3.5                | 17.5        | 9311097                  | 200              | FBS3-5          | 24A                     | 5130174     | 200                      | FBS3-6          | 32A      | 5130242                 | 200              |                          |     |     |
|                                                                                                                      | 4 digits     |                                                                                     | FBS4-3.5                | 17.5        | 9311098                  | 200              | FBS4-5          | 24A                     | 5130187     | 200                      | FBS4-6          | 32A      | 5130255                 | 100              |                          |     |     |
|                                                                                                                      | 5 digits     |                                                                                     | FBS5-3.5                | 17.5        | 9311099                  | 100              | FBS5-5          | 24A                     | 5130190     | 100                      | FBS5-6          | 32A      | 5130349                 | 100              |                          |     |     |
|                                                                                                                      | 10 digits    |                                                                                     | FBS10-3.5               | 17.5        | 9311100                  | 100              | FBS10-5         | 24A                     | 5130213     | 100                      | FBS10-6         | 32A      | 5130271                 | 100              |                          |     |     |
| 20 digits                                                                                                            | FBS20-3.5    | 17.5                                                                                | 9311101                 | 50          | FBS20-5                  | 24A              | 5130226         | 50                      | FBS20-6     | 32A                      | 5130365         | 50       |                         |                  |                          |     |     |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |              |  |                         |             |                          |                  |                 |                         |             |                          |                 |          |                         |                  |                          |     |     |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |              |  | GF-D2-4a                |             | 51 30 72 1               | 50               | GF-D2-4a        |                         | 5130721     | 50                       | GF-D2-4a        |          | 5130721                 | 50               |                          |     |     |
| (5) Screwdriver                                                                                                      |              |  | SZF 1-0.4X2.5           |             | 0204517                  | 10               | SZF 1-0. 6X3. 5 |                         | 0204517     | 10                       | SZF 1-0. 6X3. 5 |          | 0204517                 | 10               |                          |     |     |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White        |                                                                                     | ZP3.5                   |             | 9311102                  | 100              | ZP5             |                         | 8 868 102   | 10                       | ZP6             |          | 8 868 103               | 100              |                          |     |     |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White        |                                                                                     | ZBFM3.5                 |             | 9311103                  | 1000             | ZBFM5           |                         | 0 903 595   | 1000                     | ZBFM6           |          | 0 903 618               | 1000             |                          |     |     |
| (8) Test plug                                                                                                        | Grey         |  | PS-3.5                  |             | 9311172                  | 10               | PS-5            |                         | 9311173     | 10                       | PS-6            |          | 9311174                 | 10               |                          |     |     |
| Terminal dimensions                                                                                                  |              |                                                                                     |                         |             |                          |                  |                 |                         |             |                          |                 |          |                         |                  |                          |     |     |
| Thickness / length / height / end plate thickness [mm]                                                               |              |                                                                                     | 3.5/45/30.5/2.2         |             |                          |                  |                 | 5.2/48.5/35.3/2.2       |             |                          |                 |          | 6.2/56/35.3/2.2         |                  |                          |     |     |
| Height (TH35:7.5/TH35:15) [mm]                                                                                       |              |                                                                                     | 32/39.5                 |             |                          |                  |                 | 36.5/44                 |             |                          |                 |          | 36.5/44                 |                  |                          |     |     |
| Connection (directly pluggable)                                                                                      |              |                                                                                     |                         |             |                          |                  |                 |                         |             |                          |                 |          |                         |                  |                          |     |     |
| Rigid [mm <sup>2</sup> ]                                                                                             |              |                                                                                     | 0.14-1.5                |             |                          |                  |                 | 0.14-4                  |             |                          |                 |          | 0.2-6                   |                  |                          |     |     |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal [mm <sup>2</sup> ]                        |              |                                                                                     | 0. 14-1.5               |             |                          |                  |                 | 0.34-2.5                |             |                          |                 |          | 0.5-4                   |                  |                          |     |     |
| Stripping length [mm]                                                                                                |              |                                                                                     | 8-10                    |             |                          |                  |                 | 10                      |             |                          |                 |          | 10                      |                  |                          |     |     |
| Insulation material                                                                                                  |              |                                                                                     | PA                      |             |                          |                  |                 | PA                      |             |                          |                 |          | PA                      |                  |                          |     |     |
| Grading as per UL 94                                                                                                 |              |                                                                                     | V0                      |             |                          |                  |                 | V0                      |             |                          |                 |          | V0                      |                  |                          |     |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in General Ground Din-Rail Terminal block



**JWD2-6NZPE**



**JWD2-10NZPE**



**JWD2-16NZPE**

Terminal thickness: 8.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 10.2

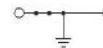
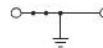
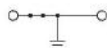
| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 12.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

|                                                                                                                      |                                                                        |                                                                                     | 0.5-10                                                                    |                                                     |                               | 0.5-16                   |             |                  | 0.5-25                   |             |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------|--------------------------|-------------|------------------|--------------------------|-------------|------------------|
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                                                      | Part Number                                         | Package quantity              | Type                     | Part Number | Package quantity | Type                     | Part Number | Package quantity |
| In-line spring terminal mounted on  | Yellow+Green                                                           |                                                                                     | JWD2-6NZPE                                                                | 9311022                                             | 52                            | JWD2-10NZPE              | 9311023     | 40               | JWD2-16NZPE              | 9311024     | 50               |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-6NZ                                                                  | 9311003                                             | 50                            | G-D2-10NZ                | 9311004     | 50               | G-D2-16NZ                | 9311005     | 50               |
| (2) Plug-in bridgeware used for horizontal connection in the terminal center                                         | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-8 I max:41A<br>FBS3-8 41A<br>FBS4-8 41A<br>FBS5-8 41A<br>FBS10-8 41A | 5130284<br>5130297<br>5130307<br>5130310<br>5130323 | 100<br>100<br>100<br>50<br>50 | FBS2-10 I max:57A        | 5105947     | 100              | FBS2-12 I max:76A        | 5105950     | 100              |
| (3) Conversion bridgeware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                          |                                                                        |   | RB 6- (2.5/4) I max:48A                                                   | 5130860                                             | 100                           | RB 10- (2.5/4) I max:55A | 5130873     | 100              | RB 16- (2.5/4) I max:63A | 5130886     | 100              |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |  | GF-D2-6a                                                                  | 5124481                                             | 50                            |                          |             |                  |                          |             |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 2-0.8X4.0                                                             | 0204520                                             | 10                            | SZF 3-1.0X5.5            | 0206612     | 10               | SZF 3-1.0X5.5            | 0206612     | 10               |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     | ZP8                                                                       | 8 868 104                                           | 100                           | ZP10                     | 8 868 105   | 100              | ZP10                     | 8 868 105   | 100              |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM8                                                                     | 0 903 734                                           | 1000                          | ZBFM8                    | 0 903 734   | 1000             | ZBFM8                    | 0 903 734   | 1000             |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-8                                                                      | 9311175                                             | 10                            |                          |             |                  |                          |             |                  |
| <b>Terminal dimensions</b>                                                                                           |                                                                        |                                                                                     |                                                                           |                                                     |                               |                          |             |                  |                          |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 8.2/57.7/42.2/2.2                                                         |                                                     |                               | 10.2/67.7/49.5/2.2       |             |                  | 12.2/75.4/52.5/2.2       |             |                  |
| Height (TH35:7.5/TH35:15)                                                                                            | [mm]                                                                   |                                                                                     | 43.5 / 51                                                                 |                                                     |                               | 50.5 / 58                |             |                  | 52.6 / 60.1              |             |                  |
| <b>Connection (directly pluggable)</b>                                                                               |                                                                        |                                                                                     |                                                                           |                                                     |                               |                          |             |                  |                          |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.5-10                                                                    |                                                     |                               | 0.5-16                   |             |                  | 0.5-25                   |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 1-6                                                                       |                                                     |                               | 2.5-10                   |             |                  | 2.5-16                   |             |                  |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 12                                                                        |                                                     |                               | 18                       |             |                  | 18                       |             |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                                        |                                                     |                               | PA                       |             |                  | PA                       |             |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                                        |                                                     |                               | V0                       |             |                  | V0                       |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in 1-IN / 2-OUT Din-Rail Terminal block



JWD2-1.5NZ/1-2



JWD2-2.5NZ/1-2



JWD2-4NZ/1-2

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I    | Ui  |
|--------------------|--------------------|--------------------------|------|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)  | (V) |
| IEC60947-7-1       | 0.14-1.5           | 0.14-1.5                 | 17.5 | 500 |

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24  | 800 |

Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.2-6              | 0.2-4                    | 32  | 800 |

| Description                                                                                   | Color                                                                  | Schematic diagram                                                                   | Type               | Part Number | Package quantity | Type              | Part Number | Package quantity | Type              | Part Number | Package quantity |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|-------------|------------------|-------------------|-------------|------------------|-------------------|-------------|------------------|
| In-line spring terminal mounted on                                                            | Grey<br>Blue                                                           |    | JWD2-1.5NZ/1-2     | 9311200     | 80               | JWD2-2.5NZ/1-2    | 9311025     | 100              | JWD2-4NZ/1-2      | 9311027     | 68               |
|                                                                                               |                                                                        |                                                                                     | JWD2-1.5NZ/1-2 BU  | 9311201     | 80               | JWD2-2.5NZ/1-2BU  | 9311026     | 100              | JWD2-4NZ/1-2BU    | 9311028     | 68               |
| (1) End plate                                                                                 | Grey                                                                   |    | G-D2-1.5NZ/1-2     | 9311202     | 50               | G-D2-2.5a/1-2     | 5130488     | 50               | G-D2-4NZ/1-2      | 9310006     | 50               |
| (2) Plug-in bridgeware used for horizontal connection in the terminal center                  | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-3.5 Imax:17.5 | 9311096     | 200              | FBS2-5 Imax:24A   | 5130161     | 200              | FBS2-6 Imax:32A   | 5130336     | 200              |
|                                                                                               |                                                                        |                                                                                     | FBS3-3.5 17.5      | 9311097     | 200              | FBS3-5 24A        | 5130174     | 200              | FBS3-6 32A        | 5130242     | 200              |
|                                                                                               |                                                                        |                                                                                     | FBS4-3.5 17.5      | 9311098     | 200              | FBS4-5 24A        | 5130187     | 200              | FBS4-6 32A        | 5130255     | 100              |
|                                                                                               |                                                                        |                                                                                     | FBS5-3.5 17.5      | 9311099     | 100              | FBS5-5 24A        | 5130190     | 100              | FBS5-6 32A        | 5130349     | 100              |
|                                                                                               |                                                                        |                                                                                     | FBS10-3.5 17.5     | 9311100     | 100              | FBS10-5 24A       | 5130213     | 100              | FBS10-6 32A       | 5130271     | 100              |
|                                                                                               |                                                                        |                                                                                     | FBS20-3.5 17.5     | 9311101     | 50               | FBS20-5 24A       | 5130226     | 50               | FBS20-6 32A       | 5130365     | 50               |
| (3) Conversion bridgeware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                   |                                                                        |   |                    |             |                  |                   |             |                  |                   |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm |                                                                        |  | GF-D2-a/1-2        | 51 30 78 9  | 50               | GF-D2-a/1-2       | 5130789     | 50               | GF-D2-a/1-2       | 5130789     | 50               |
| (5) Screwdriver                                                                               |                                                                        |  | SZF 1-0.4X2.5      | 0204517     | 10               | SZF 1-06X3.5      | 0204517     | 10               | SZF 1-06X3.5      | 0204517     | 10               |
| (6) Quick tag, with 10 digits for identification in the terminal center                       | White                                                                  |                                                                                     | ZP3.5              | 9311102     | 100              | ZP5               | 8 868 102   | 100              | ZP6               | 8 868 103   | 100              |
| (7) Quick designation strip, with 100 digits for lateral identification                       | White                                                                  |                                                                                     | ZBFM3.5            | 9311103     | 1000             | ZBFM5             | 0 903 595   | 1000             | ZBFM6             | 0 903 618   | 1000             |
| (8) Test plug                                                                                 | Grey                                                                   |  | PS-3.5             | 9311172     | 10               | PS-5              | 9311173     | 10               | PS-6              | 9311174     | 10               |
| Terminal dimensions                                                                           |                                                                        |                                                                                     |                    |             |                  |                   |             |                  |                   |             |                  |
| Thickness / length / height / end plate thickness                                             | [mm]                                                                   |                                                                                     | 3.5/54/30.5/2.2    |             |                  | 5.2/60.5/35.2/2.2 |             |                  | 6.2/66.4/35.3/2.2 |             |                  |
| Height (TH35:7.5/TH35:15)                                                                     | [mm]                                                                   |                                                                                     | 32/39.5            |             |                  | 36.5/44           |             |                  | 36.5/44           |             |                  |
| Connection (directly pluggable)                                                               |                                                                        |                                                                                     |                    |             |                  |                   |             |                  |                   |             |                  |
| Rigid                                                                                         | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5           |             |                  | 0.14-4            |             |                  | 0.2-6             |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                    | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5           |             |                  | 0.34-2.5          |             |                  | 0.5-4             |             |                  |
| Stripping length                                                                              | [mm]                                                                   |                                                                                     | 8-10               |             |                  | 10                |             |                  | 10                |             |                  |
| Insulation material                                                                           |                                                                        |                                                                                     | PA                 |             |                  | PA                |             |                  | PA                |             |                  |
| Grading as per UL 94                                                                          |                                                                        |                                                                                     | V0                 |             |                  | V0                |             |                  | V0                |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in 1-IN / 2-OUT Din-Rail Terminal block



**JWD2-6NZ/1-2**



**JWD2-10NZ/1-2**



**JWD2-16NZ/1-2**

Terminal thickness: 8.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I    | Ui |
|--------------------|--------------------|--------------------------|------|----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (A)                      | (V)  |    |
| IEC60947-7-1       |                    | 41                       | 1000 |    |

Terminal thickness: 10.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I    | Ui |
|--------------------|--------------------|--------------------------|------|----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (A)                      | (V)  |    |
| IEC60947-7-1       |                    | 57                       | 1000 |    |

Terminal thickness: 12.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I    | Ui |
|--------------------|--------------------|--------------------------|------|----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (A)                      | (V)  |    |
| IEC60947-7-1       |                    | 76                       | 1000 |    |

| Description                                                                                                          |  | Color                                                                               | Schematic diagram                                                                   | Type                                            | Part Number                          | Package quantity                                    | Type                             | Part Number         | Package quantity | Type                             | Part Number         | Package quantity |     |
|----------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|-----------------------------------------------------|----------------------------------|---------------------|------------------|----------------------------------|---------------------|------------------|-----|
| In-line spring terminal mounted on  |  | Grey<br>Blue                                                                        |                                                                                     | JWD2-6NZ/1-2<br>JWD2-6NZ/1-2BU                  | 9312504<br>9312505                   | 50<br>50                                            | JWD2-10NZ/1-2<br>JWD2-10NZ/1-2BU | 9311080<br>9311081  | 30<br>30         | JWD2-16NZ/1-2<br>JWD2-16NZ/1-2BU | 9311082<br>9311083  | 50<br>50         |     |
| (1) End plate                                                                                                        |  | Grey                                                                                |    | G-D2-6NZ/1-2                                    | 9312506                              | 50                                                  | G-D2-10NZ/1-2                    | 9311084             | 50               | G-D2-16NZ/1-2                    | 9311085             | 50               |     |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          |  | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits              |    | FBS2-8<br>FBS3-8<br>FBS4-8<br>FBS5-8<br>FBS10-8 | Imax:41A<br>41A<br>41A<br>41A<br>41A | 5130284<br>5130297<br>5130307<br>5130310<br>5130323 | 100<br>100<br>100<br>50<br>50    | FBS2-10<br>Imax:57A | 5105947          | 100                              | FBS2-12<br>Imax:76A | 5105950          | 100 |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |  |                                                                                     |    |                                                 |                                      |                                                     |                                  |                     |                  |                                  |                     |                  |     |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |  |                                                                                     |   |                                                 |                                      |                                                     |                                  |                     |                  |                                  |                     |                  |     |
| (5) Screwdriver                                                                                                      |  |  |                                                                                     | SZF 2-0. 8X4. 0                                 | 0204520                              | 10                                                  | SZF 3-1.0X5.5                    | 0206612             | 10               | SZF 3-1.0X5.5                    | 0206612             | 10               |     |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              |  | White                                                                               |                                                                                     | ZP8                                             | 8 868 104                            | 100                                                 | ZP10                             | 8 868 105           | 100              | ZP10                             | 8 868 105           | 100              |     |
| (7) Quick designation strip, with 100 digits for lateral identification                                              |  | White                                                                               |                                                                                     | ZBFM8                                           | 0 903 734                            | 100                                                 | ZBFM8                            | 0 903 734           | 100              | ZBFM8                            | 0 903 734           | 1000             |     |
| (8) Test plug                                                                                                        |  | Grey                                                                                |  | PS-8                                            | 9311175                              | 10                                                  |                                  |                     |                  |                                  |                     |                  |     |
| Terminal dimensions                                                                                                  |  |                                                                                     |                                                                                     |                                                 |                                      |                                                     |                                  |                     |                  |                                  |                     |                  |     |
| Thickness / length / height / end plate thickness                                                                    |  | [mm]                                                                                |                                                                                     | 8.2/75.5/42.3/2                                 |                                      |                                                     | 10.2/89.1/49.8/2.0               |                     |                  | 12.2/101.4/50.6/2.0              |                     |                  |     |
| Height (TH35.7.5/TH35.15)                                                                                            |  | [mm]                                                                                |                                                                                     | 43.8/51.3                                       |                                      |                                                     | 50.3/57.8                        |                     |                  | 51.3/58.75                       |                     |                  |     |
| Connection (directly pluggable)                                                                                      |  |                                                                                     |                                                                                     |                                                 |                                      |                                                     |                                  |                     |                  |                                  |                     |                  |     |
| Rigid                                                                                                                |  | [mm <sup>2</sup> ]                                                                  |                                                                                     | 0.5-10                                          |                                      |                                                     | 0.5-16                           |                     |                  | 0.5-25                           |                     |                  |     |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           |  | [mm <sup>2</sup> ]                                                                  |                                                                                     | 0.5-6                                           |                                      |                                                     | 2.5-10                           |                     |                  | 2.5-16                           |                     |                  |     |
| Stripping length                                                                                                     |  | [mm]                                                                                |                                                                                     | 12                                              |                                      |                                                     | 18                               |                     |                  | 18                               |                     |                  |     |
| Insulation material                                                                                                  |  |                                                                                     |                                                                                     | PA                                              |                                      |                                                     | PA                               |                     |                  | PA                               |                     |                  |     |
| Grading as per UL 94                                                                                                 |  |                                                                                     |                                                                                     | V0                                              |                                      |                                                     | V0                               |                     |                  | V0                               |                     |                  |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in 1-IN / 2-OUT Ground Din-Rail Terminal block



**JWD2-1.5NZ/1-2PE**



**JWD2-2.5NZ/1-2PE**



**JWD2-4NZ/1-2PE**

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |

IEC60947-7-2

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |

IEC60947-7-2

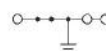
Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |

IEC60947-7-2

|                                                                                                                      |                    |                                                                                     | 0.14-1.5         |           |             | 0.14-1.5         |                  |          | 0.14-4            |                  |                | 0.14-2.5 |             |                  | 0.2-6             |  |             | 0.2-6            |  |  |
|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|------------------|-----------|-------------|------------------|------------------|----------|-------------------|------------------|----------------|----------|-------------|------------------|-------------------|--|-------------|------------------|--|--|
| Description                                                                                                          | Color              | Schematic diagram                                                                   | Type             |           | Part Number | Package quantity | Type             |          | Part Number       | Package quantity | Type           |          | Part Number | Package quantity | Type              |  | Part Number | Package quantity |  |  |
| In-line spring terminal mounted on  | Grey<br>Blue       |                                                                                     | JWD2-1.5NZ/1-2PE |           | 9311207     | 80               | JWD2-2.5NZ/1-2PE |          | 9311029           | 100              | JWD2-4NZ/1-2PE |          | 9311030     | 68               |                   |  |             |                  |  |  |
| (1) End plate                                                                                                        | Grey               |    | G-D2-1.5NZ/1-2   |           | 9311202     | 50               | G-D2-2.5a/1-2    |          | 5130488           | 50               | G-D2-4NZ/1-2   |          | 9310006     | 50               |                   |  |             |                  |  |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits           |    | FBS2-3.5         | Imax:17.5 | 9311096     | 200              | FBS2-5           | Imax:24A | 5130161           | 200              | FBS2-6         | Imax:32A | 5130336     | 200              |                   |  |             |                  |  |  |
|                                                                                                                      | 3 digits           |                                                                                     | FBS3-3.5         | 17.5      | 9311097     | 200              | FBS3-5           | 24A      | 5130174           | 200              | FBS3-6         | 32A      | 5130242     | 200              |                   |  |             |                  |  |  |
|                                                                                                                      | 4 digits           |                                                                                     | FBS4-3.5         | 17.5      | 9311098     | 200              | FBS4-5           | 24A      | 5130187           | 200              | FBS4-6         | 32A      | 5130255     | 100              |                   |  |             |                  |  |  |
|                                                                                                                      | 5 digits           |                                                                                     | FBS5-3.5         | 17.5      | 9311099     | 100              | FBS5-5           | 24A      | 5130190           | 100              | FBS5-6         | 32A      | 5130349     | 100              |                   |  |             |                  |  |  |
|                                                                                                                      | 10 digits          |                                                                                     | FBS10-3.5        | 17.5      | 9311100     | 100              | FBS10-5          | 24A      | 5130213           | 100              | FBS10-6        | 32A      | 5130271     | 100              |                   |  |             |                  |  |  |
| 20 digits                                                                                                            | FBS20-3.5          | 17.5                                                                                | 9311101          | 50        | FBS20-5     | 24A              | 5130226          | 50       | FBS20-6           | 32A              | 5130365        | 50       |             |                  |                   |  |             |                  |  |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                    |   |                  |           |             |                  |                  |          |                   |                  |                |          |             |                  |                   |  |             |                  |  |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                    |  | GF-D2-a/1-2      |           | 51 30 78 9  | 50               | GF-D2-a/1-2      |          | 5130789           | 50               | GF-D2-a/1-2    |          | 5130789     | 50               |                   |  |             |                  |  |  |
| (5) Screwdriver                                                                                                      |                    |  | SZF 1-0.4X2.5    |           | 0204517     | 10               | SZF 1-0.6X3.5    |          | 0204517           | 10               | SZF 1-0.6X3.5  |          | 0204517     | 10               |                   |  |             |                  |  |  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White              |                                                                                     | ZP3.5            |           | 9311102     | 100              | ZP5              |          | 8868102           | 100              | ZP6            |          | 8 868 103   | 100              |                   |  |             |                  |  |  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White              |                                                                                     | ZBFM3.5          |           | 9311103     | 1000             | ZBFM5            |          | 0 903 595         | 1000             | ZBFM6          |          | 0 903 618   | 1000             |                   |  |             |                  |  |  |
| (8) Test plug                                                                                                        | Grey               |  | PS-3.5           |           | 9311172     | 10               | PS-5             |          | 9311173           | 10               | PS-6           |          | 9311174     | 10               |                   |  |             |                  |  |  |
| Terminal dimensions                                                                                                  |                    |                                                                                     |                  |           |             |                  |                  |          |                   |                  |                |          |             |                  |                   |  |             |                  |  |  |
| Thickness / length / height / end plate thickness                                                                    | [mm]               |                                                                                     | 3.5/54/30.5/2.2  |           |             |                  |                  |          | 5.2/60.5/35.2/2.2 |                  |                |          |             |                  | 6.2/66.4/35.3/2.2 |  |             |                  |  |  |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]               |                                                                                     | 32/39.5          |           |             |                  |                  |          | 36.5/44           |                  |                |          |             |                  | 36.5/44           |  |             |                  |  |  |
| Connection (directly pluggable)                                                                                      |                    |                                                                                     |                  |           |             |                  |                  |          |                   |                  |                |          |             |                  |                   |  |             |                  |  |  |
| Rigid                                                                                                                | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5         |           |             |                  |                  |          | 0.14-4            |                  |                |          |             |                  | 0.2-6             |  |             |                  |  |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5         |           |             |                  |                  |          | 0.34-2.5          |                  |                |          |             |                  | 0.5-4             |  |             |                  |  |  |
| Stripping length                                                                                                     | [mm]               |                                                                                     | 8-10             |           |             |                  |                  |          | 10                |                  |                |          |             |                  | 10                |  |             |                  |  |  |
| Insulation material                                                                                                  |                    |                                                                                     | PA               |           |             |                  |                  |          | PA                |                  |                |          |             |                  | PA                |  |             |                  |  |  |
| Grading as per UL 94                                                                                                 |                    |                                                                                     | V0               |           |             |                  |                  |          | V0                |                  |                |          |             |                  | V0                |  |             |                  |  |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in 1-IN / 2-OUT Ground Din-Rail Terminal block



**JWD2-6NZ/1-2PE**



**JWD2-10NZ/1-2PE**



**JWD2-16NZ/1-2PE**

Terminal thickness: 8.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 10.2

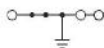
| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 12.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | 0.5-10                                                                   |                                                     |                               | 0.5-16             |             |                  | 0.5-25              |             |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------|--------------------|-------------|------------------|---------------------|-------------|------------------|
|                                                                                                                      |                                                                        |                                                                                     | Type                                                                     | Part Number                                         | Package quantity              | Type               | Part Number | Package quantity | Type                | Part Number | Package quantity |
| In-line spring terminal mounted on  | Grey Blue                                                              |                                                                                     | JWD2-6NZ/1-2PE                                                           | 9312507                                             | 50                            | JWD2-10NZ/1-2PE    | 9311086     | 30               | JWD2-16NZ/1-2PE     | 9311087     | 50               |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-6NZ/1-2                                                             | 9312506                                             | 50                            | G-D2-10NZ/1-2      | 9311084     | 50               | G-D2-16NZ/1-2       | 9311085     | 50               |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-8 lmax:41A<br>FBS3-8 41A<br>FBS4-8 41A<br>FBS5-8 41A<br>FBS10-8 41A | 5130284<br>5130297<br>5130307<br>5130310<br>5130323 | 100<br>100<br>100<br>50<br>50 | FBS2-10 lmax:57A   | 5105947     | 100              | FBS2-12 lmax:76A    | 5105950     | 100              |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |    |                                                                          |                                                     |                               |                    |             |                  |                     |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |  |                                                                          |                                                     |                               |                    |             |                  |                     |             |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 2-0.8X4.0                                                            | 0204520                                             | 10                            | SZF 3-1.0X5.5      | 0206612     | 10               | SZF 3-1.0X5.5       | 0206612     | 10               |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     | ZP8                                                                      | 8 868 104                                           | 100                           | ZP10               | 8 868 105   | 100              | ZP10                | 8868105     | 100              |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM8                                                                    | 0 903 734                                           | 1000                          | ZBFM8              | 0 903 734   | 1000             | ZBFM8               | 0 903 734   | 1000             |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-8                                                                     | 9311175                                             | 10                            |                    |             |                  |                     |             |                  |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                                                                          |                                                     |                               |                    |             |                  |                     |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 8.2/75.5/42.3/2                                                          |                                                     |                               | 10.2/89.1/49.8/2.0 |             |                  | 12.2/101.4/50.6/2.0 |             |                  |
| Height (TH35:7.5/TH35:15)                                                                                            | [mm]                                                                   |                                                                                     | 43.8/51.3                                                                |                                                     |                               | 50.3/57.8          |             |                  | 51.3/58.75          |             |                  |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                                                                          |                                                     |                               |                    |             |                  |                     |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.5-10                                                                   |                                                     |                               | 0.5-16             |             |                  | 0.5-25              |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.5-6                                                                    |                                                     |                               | 2.5-10             |             |                  | 2.5-16              |             |                  |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 12                                                                       |                                                     |                               | 18                 |             |                  | 18                  |             |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                                       |                                                     |                               | PA                 |             |                  | PA                  |             |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                                       |                                                     |                               | V0                 |             |                  | V0                  |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in 2-IN / 2-OUT Din-Rail Terminal block



### JWD2-1.5NZ/2-2

### JWD2-2.5NZ/2-2

### JWD2-2.5NZ/2-2DK

Terminal thickness: 3.5

Terminal thickness: 5.2

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I    | Ui  |
|--------------------|--------------------|--------------------------|------|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)  | (V) |
| IEC60947-7-1       | 0.14-1.5           | 0.14-1.5                 | 17.5 | 500 |

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24  | 800 |

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24  | 800 |

| Description                                                                                   | Color                                                                  | Schematic diagram | Type               | Part Number | Package quantity | Type              | Part Number | Package quantity | Type                | Part Number | Package quantity |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------|--------------------|-------------|------------------|-------------------|-------------|------------------|---------------------|-------------|------------------|
| In-line spring terminal mounted on                                                            | Grey<br>Blue                                                           |                   | JWD2-1.5NZ/2-2     | 9311203     | 80               | JWD2-2.5NZ/2-2    | 9311031     | 70               | JWD2-2.5NZ/2-2DK    | 9712508     | 70               |
|                                                                                               |                                                                        |                   | JWD2-1.5NZ/2-2 BU  | 9311204     | 80               | JWD2-2.5NZ/2-2 BU | 9311032     | 70               | JWD2-2.5NZ/2-2DK BU | 9712509     | 70               |
| (1) End plate                                                                                 | Grey                                                                   |                   | G-D2-1.5NZ/2-2     | 9311205     | 50               | G-D2-2.5a/2-2     | 5130514     | 50               | G-D2-2.5a/2-2       | 5130514     | 50               |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                   | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |                   | FBS2-3.5 Imax:17.5 | 9311096     | 200              | FBS2-5 Imax:24A   | 5130161     | 200              | FBS2-5 Imax:24A     | 5130161     | 200              |
|                                                                                               |                                                                        |                   | FBS3-3.5 17.5      | 9311097     | 200              | FBS3-5 24A        | 5130174     | 200              | FBS3-5 24A          | 5130174     | 200              |
|                                                                                               |                                                                        |                   | FBS4-3.5 17.5      | 9311098     | 200              | FBS4-5 24A        | 5130187     | 200              | FBS4-5 24A          | 5130187     | 200              |
|                                                                                               |                                                                        |                   | FBS5-3.5 17.5      | 9311099     | 100              | FBS5-5 24A        | 5130190     | 100              | FBS5-5 24A          | 5130190     | 100              |
|                                                                                               |                                                                        |                   | FBS10-3.5 17.5     | 9311100     | 100              | FBS10-5 24A       | 5130213     | 100              | FBS10-5 24A         | 5130213     | 100              |
|                                                                                               |                                                                        |                   | FBS20-3.5 17.5     | 9311101     | 50               | FBS20-5 24A       | 5130226     | 50               | FBS20-5 24A         | 5130226     | 50               |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                    |                                                                        |                   |                    |             |                  |                   |             |                  |                     |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm |                                                                        |                   | GF-D2-a/2-2        | 51 30 81 5  | 50               | GF-D2-a/2-2       | 5130815     | 50               | GF-D2-a/2-2         | 5130815     | 50               |
| (5) Screwdriver                                                                               |                                                                        |                   | SZF 1-0.4X2.5      | 0204517     | 10               | SZF 1-0.6X3.5     | 0204517     | 10               | SZF 1-0.6X3.5       | 0204517     | 10               |
| (6) Quick tag, with 10 digits for identification in the terminal center                       | White                                                                  |                   | ZP3.5              | 9311102     | 100              | ZP5               | 8868102     | 100              | ZP5                 | 8868102     | 100              |
| (7) Quick designation strip, with 100 digits for lateral identification                       | White                                                                  |                   | ZBFM3.5            | 9311103     | 1000             | ZBFM5             | 0903595     | 1000             | ZBFM5               | 0903595     | 1000             |
| (8) Test plug                                                                                 | Grey                                                                   |                   | PS-3.5             | 9311172     | 10               | PS-5              | 9311173     | 10               | PS-5                | 9311173     | 10               |
| Terminal dimensions                                                                           |                                                                        |                   |                    |             |                  |                   |             |                  |                     |             |                  |
| Thickness / length / height / end plate thickness                                             | [mm]                                                                   |                   | 3.5/63.2/30.5/2.2  |             |                  | 5.2/72.2/35.3/2.2 |             |                  | 5.2/72.2/35.3/2.2   |             |                  |
| Height (TH35:7.5/TH35:15)                                                                     | [mm]                                                                   |                   | 32/39.5            |             |                  | 36.8/44           |             |                  | 36.8/44             |             |                  |
| Connection (directly pluggable)                                                               |                                                                        |                   |                    |             |                  |                   |             |                  |                     |             |                  |
| Rigid                                                                                         | [mm <sup>2</sup> ]                                                     |                   | 0.14-1.5           |             |                  | 0.14-4            |             |                  | 0.14-4              |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                    | [mm <sup>2</sup> ]                                                     |                   | 0.14-1.5           |             |                  | 0.34-2.5          |             |                  | 0.34-2.5            |             |                  |
| Stripping length                                                                              | [mm]                                                                   |                   | 8-10               |             |                  | 10                |             |                  | 10                  |             |                  |
| Insulation material                                                                           |                                                                        |                   | PA                 |             |                  | PA                |             |                  | PA                  |             |                  |
| Grading as per UL 94                                                                          |                                                                        |                   | V0                 |             |                  | V0                |             |                  | V0                  |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in 2-IN / 2-OUT Din-Rail Terminal block



### JWD2-4NZ/2-2

### JWD2-4NZ/2-2DK

### JWD2-6NZ/2-2

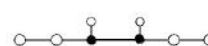
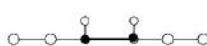
Terminal thickness: 6.2

Terminal thickness: 6.2

Terminal thickness: 8.2

| Terminal thickness: 0.2     |                |                                                   |          |                     |           | Terminal thickness: 0.2     |                |                                                   |           |                     |     | Terminal thickness: 0.2     |                |                                                   |          |                     |  |
|-----------------------------|----------------|---------------------------------------------------|----------|---------------------|-----------|-----------------------------|----------------|---------------------------------------------------|-----------|---------------------|-----|-----------------------------|----------------|---------------------------------------------------|----------|---------------------|--|
| (IEC)<br>(mm <sup>2</sup> ) | Rigid<br>solid | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(B)           |           | (IEC)<br>(mm <sup>2</sup> ) | Rigid<br>solid | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A)  | Ui<br>(B)           |     | (IEC)<br>(mm <sup>2</sup> ) | Rigid<br>solid | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(B)           |  |
| IEC60947-7-1                |                |                                                   |          |                     |           | IEC60947-7-1                |                |                                                   |           |                     |     | IEC60947-7-1                |                |                                                   |          |                     |  |
| 0.2-6                       |                | 0.2-4                                             |          | 32 800              |           | 0.2-6                       |                | 0.2-4                                             |           | 32 800              |     | 0.5-10                      |                | 0.5-6                                             |          | 41 1000             |  |
| Type                        |                | Part Number                                       |          | Package<br>quantity |           | Type                        |                | Part Number                                       |           | Package<br>quantity |     | Type                        |                | Part Number                                       |          | Package<br>quantity |  |
| JWD2-4NZ/2-2                |                | 9311033                                           |          | 51                  |           | JWD2-4NZ/2-2DK              |                | 9712510                                           |           | 51                  |     | JWD2-6NZ/2-2                |                | 9311223                                           |          | 51                  |  |
| JWD2-4NZ/2-2 BU             |                | 9311034                                           |          | 51                  |           | JWD2-4NZ/2-2DK BU           |                | 9712511                                           |           | 51                  |     | JWD2-6NZ/2-2 BU             |                | 9311224                                           |          | 51                  |  |
| G-D2-4NZ/2-2                |                | 9311007                                           |          | 50                  |           | G-D2-4NZ/2-2                |                | 9311007                                           |           | 50                  |     | G-D2-6NZ/2-2                |                | 9311225                                           |          | 51                  |  |
| FBS2-6                      | I max:32A      | 5130336                                           | 200      | FBS2-6              | I max:32A | 5130336                     | 200            | FBS2-8                                            | I max:41A | 5130284             | 100 | FBS2-8                      | I max:41A      | 5130284                                           | 100      |                     |  |
| FBS3-6                      | 32A            | 5130242                                           | 200      | FBS3-6              | 32A       | 5130242                     | 200            | FBS3-8                                            | 41A       | 5130297             | 100 | FBS3-8                      | 41A            | 5130297                                           | 100      |                     |  |
| FBS4-6                      | 32A            | 5130255                                           | 100      | FBS4-6              | 32A       | 5130255                     | 100            | FBS4-8                                            | 41A       | 5130307             | 100 | FBS4-8                      | 41A            | 5130307                                           | 100      |                     |  |
| FBS5-6                      | 32A            | 5130349                                           | 100      | FBS5-6              | 32A       | 5130349                     | 100            | FBS5-8                                            | 41A       | 5130310             | 50  | FBS5-8                      | 41A            | 5130310                                           | 50       |                     |  |
| FBS10-6                     | 32A            | 5130271                                           | 100      | FBS10-6             | 32A       | 5130271                     | 100            | FBS10-8                                           | 41A       | 5130323             | 50  | FBS10-8                     | 41A            | 5130323                                           | 50       |                     |  |
| FBS20-6                     | 32A            | 5130365                                           | 50       | FBS20-6             | 32A       | 5130365                     | 50             |                                                   |           |                     |     |                             |                |                                                   |          |                     |  |
|                             |                |                                                   |          |                     |           |                             |                |                                                   |           |                     |     |                             |                |                                                   |          |                     |  |
| GF-D2-a/2-2                 |                | 5130815                                           |          | 50                  |           | GF-D2-a/2-2                 |                | 5130815                                           |           | 50                  |     |                             |                |                                                   |          |                     |  |
| SZF 1-0.6X3.5               |                | 0204517                                           |          | 10                  |           | SZF 1-0.6X3.5               |                | 0204517                                           |           | 10                  |     | SZF 2-0.8X4.0               |                | 0204520                                           |          | 10                  |  |
| ZP6                         |                | 8 868 103                                         |          | 100                 |           | ZP6                         |                | 8 868 103                                         |           | 100                 |     | ZP8                         |                | 8 868 104                                         |          | 100                 |  |
| ZBFM6                       |                | 0 903 618                                         |          | 1000                |           | ZBFM6                       |                | 0 903 618                                         |           | 1000                |     | ZBFM8                       |                | 0 903 734                                         |          | 100                 |  |
| PS-6                        |                | 9311174                                           |          | 10                  |           | PS-6                        |                | 9311174                                           |           | 10                  |     | PS-8                        |                | 9311175                                           |          | 10                  |  |
|                             |                |                                                   |          |                     |           |                             |                |                                                   |           |                     |     |                             |                |                                                   |          |                     |  |
| 6.2/77/35.3/2.2             |                |                                                   |          |                     |           | 6.2/77/35.3/2.2             |                |                                                   |           |                     |     | 8.2/93/42.3/2.2             |                |                                                   |          |                     |  |
| 36.8/44                     |                |                                                   |          |                     |           | 36.8/44                     |                |                                                   |           |                     |     | 43.8/51.3                   |                |                                                   |          |                     |  |
|                             |                |                                                   |          |                     |           |                             |                |                                                   |           |                     |     |                             |                |                                                   |          |                     |  |
| 0.2-6                       |                |                                                   |          |                     |           | 0.2-6                       |                |                                                   |           |                     |     | 0.5-10                      |                |                                                   |          |                     |  |
| 0.5-4                       |                |                                                   |          |                     |           | 0.5-4                       |                |                                                   |           |                     |     | 0.5-6                       |                |                                                   |          |                     |  |
| 10                          |                |                                                   |          |                     |           | 10                          |                |                                                   |           |                     |     | 12                          |                |                                                   |          |                     |  |
| PA                          |                |                                                   |          |                     |           | PA                          |                |                                                   |           |                     |     | PA                          |                |                                                   |          |                     |  |
| V0                          |                |                                                   |          |                     |           | V0                          |                |                                                   |           |                     |     | V0                          |                |                                                   |          |                     |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in 2-IN / 2-OUT Ground Din-Rail Terminal block



**JWD2-1.5NZ/2-2PE**



**JWD2-2.5NZ/2-2PE**

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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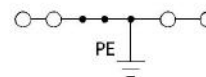
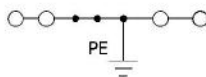
Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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|                                                                                                                      |                    |                                                                                     | 0.14-1.5          |           |             | 0.14-1.5         |                   |          | 0.14-2.5    |                  |  |
|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-------------------|-----------|-------------|------------------|-------------------|----------|-------------|------------------|--|
| Description                                                                                                          | Color              | Schematic diagram                                                                   | Type              |           | Part Number | Package quantity | Type              |          | Part Number | Package quantity |  |
| In-line spring terminal mounted on  | Grey<br>Blue       |                                                                                     | JWD2-2.5NZ/2-2PE  |           | 9311208     | 80               | JWD2-2. 5NZ/2-2PE |          | 9311035     | 70               |  |
| (1) End plate                                                                                                        | Grey               |    | G-D2-1.5NZ/2-2    |           | 9311205     | 50               | G-D2-2. 5a/2-2    |          | 5130514     | 50               |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits           |                                                                                     | FBS2-3.5          | Imax:17.5 | 9311096     | 200              | FBS2-5            | 1max:24A | 5130161     | 200              |  |
|                                                                                                                      | 3 digits           |                                                                                     | FBS3-3.5          | 17.5      | 9311097     | 200              | FBS3-5            | 24A      | 5130174     | 200              |  |
|                                                                                                                      | 4 digits           |    | FBS4-3.5          | 17.5      | 9311098     | 200              | FBS4-5            | 24A      | 5130187     | 200              |  |
|                                                                                                                      | 5 digits           |                                                                                     | FBS5-3.5          | 17.5      | 9311099     | 100              | FBS5-5            | 24A      | 5130190     | 100              |  |
|                                                                                                                      | 10 digits          |                                                                                     | FBS10-3.5         | 17.5      | 9311100     | 100              | FBS10-5           | 24A      | 5130213     | 100              |  |
|                                                                                                                      | 20 digits          |                                                                                     | FBS20-3.5         | 17.5      | 9311101     | 50               | FBS20-5           | 24A      | 5130226     | 50               |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                    |    |                   |           |             |                  |                   |          |             |                  |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                    |   | GF-D2-a/2-2       |           | 51 30 81 5  | 50               |                   |          |             |                  |  |
| (5) Screwdriver                                                                                                      |                    |  | SZF 1-0.4X2.5     |           | 0204517     | 10               | SZF 1-0. 6X3. 5   |          | 0204517     | 10               |  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White              |                                                                                     | ZP3.5             |           | 9311102     | 100              | ZP5               |          | 8 868 102   | 100              |  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White              |                                                                                     | ZBFM3.5           |           | 9311103     | 1000             | ZBFM5             |          | 0 903 595   | 1000             |  |
| (8) Test plug                                                                                                        | Grey               |  | PS-3.5            |           | 9311172     | 10               | PS-5              |          | 9311173     | 10               |  |
| Terminal dimensions                                                                                                  |                    |                                                                                     |                   |           |             |                  |                   |          |             |                  |  |
| Thickness / length / height / end plate thickness                                                                    | [mm]               |                                                                                     | 3.5/63.2/30.5/2.2 |           |             |                  | 5.2/72.2/35.3/2.2 |          |             |                  |  |
| Height (TH35:7.5/TH35:15)                                                                                            | [mm]               |                                                                                     | 32/39. 5          |           |             |                  | 36.8/44           |          |             |                  |  |
| Connection (directly pluggable)                                                                                      |                    |                                                                                     |                   |           |             |                  |                   |          |             |                  |  |
| Rigid                                                                                                                | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5          |           |             |                  | 0.14-4            |          |             |                  |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5          |           |             |                  | 0.34-2.5          |          |             |                  |  |
| Stripping length                                                                                                     | [mm]               |                                                                                     | 8-10              |           |             |                  | 10                |          |             |                  |  |
| Insulation material                                                                                                  |                    |                                                                                     | PA                |           |             |                  | PA                |          |             |                  |  |
| Grading as per UL 94                                                                                                 |                    |                                                                                     | V0                |           |             |                  | V0                |          |             |                  |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in 2-IN / 2-OUT Ground Din-Rail Terminal block



**JWD2-4NZ/2-2PE**



**JWD2-6NZ/2-2PE**

Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |

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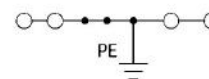
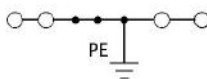
Terminal thickness: 8.2

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |

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|                                                                                                                      |                                                                        |                                                                                     | 0.2-6           |             |                  | 0.2-4           |             |                  | 0.5-10         |             |                  | 0.5-6          |             |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|-------------|------------------|-----------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type            | Part Number | Package quantity | Type            | Part Number | Package quantity | Type           | Part Number | Package quantity | Type           | Part Number | Package quantity |
| In-line spring terminal mounted on  | Grey<br>Blue                                                           |                                                                                     | JWD2-4NZ/2-2PE  | 9311036     | 51               | JWD2-6NZ/2-2PE  | 9311227     | 51               | JWD2-4NZ/2-2PE | 9311036     | 51               | JWD2-6NZ/2-2PE | 9311227     | 51               |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-4NZ/2-2    | 9311007     | 50               | G-D2-6NZ/2-2    | 9311225     | 51               | G-D2-4NZ/2-2   | 9311007     | 50               | G-D2-6NZ/2-2   | 9311225     | 51               |
| (2) Plug-in bridgeware used for horizontal connection in the terminal center                                         | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-6          | I max:32A   | 5130336          | 200             | FBS2-8      | I max:41A        | 5130284        | 100         | FBS2-6           | I max:32A      | 5130336     | 200              |
|                                                                                                                      |                                                                        |                                                                                     | FBS3-6          | 32A         | 5130242          | 200             | FBS3-8      | 41A              | 5130297        | 100         | FBS3-6           | 32A            | 5130242     | 200              |
|                                                                                                                      |                                                                        |                                                                                     | FBS4-6          | 32A         | 5130255          | 100             | FBS4-8      | 41A              | 5130307        | 100         | FBS4-6           | 32A            | 5130255     | 100              |
|                                                                                                                      |                                                                        |                                                                                     | FBS5-6          | 32A         | 5130349          | 100             | FBS5-8      | 41A              | 5130310        | 50          | FBS5-6           | 32A            | 5130349     | 100              |
|                                                                                                                      |                                                                        |                                                                                     | FBS10-6         | 32A         | 5130271          | 100             | FBS10-8     | 41A              | 5130323        | 50          | FBS10-6          | 32A            | 5130271     | 100              |
|                                                                                                                      |                                                                        |                                                                                     | FBS20-6         | 32A         | 5130365          | 50              |             |                  |                |             | FBS20-6          | 32A            | 5130365     | 50               |
| (3) Conversion bridgeware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                          |                                                                        |    |                 |             |                  |                 |             |                  |                |             |                  |                |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |  |                 |             |                  |                 |             |                  |                |             |                  |                |             |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 1-0.6X3.5   | 0204517     | 10               | SZF 2-0.8X4.0   | 0204520     | 10               | SZF 1-0.6X3.5  | 0204517     | 10               | SZF 2-0.8X4.0  | 0204520     | 10               |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     | ZP6             | 8 868 103   | 100              | ZP8             | 8 868 104   | 100              | ZP6            | 8 868 103   | 100              | ZP8            | 8 868 104   | 100              |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM6           | 0 903 618   | 1000             | ZBFM8           | 0 903 734   | 1000             | ZBFM6          | 0 903 618   | 1000             | ZBFM8          | 0 903 734   | 1000             |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-6            | 9311174     | 10               | PS-8            | 9311175     | 10               | PS-6           | 9311174     | 10               | PS-8           | 9311175     | 10               |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                 |             |                  |                 |             |                  |                |             |                  |                |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 6.2/77/35.3/2.2 |             |                  | 8.2/93/42.3/2.2 |             |                  |                |             |                  |                |             |                  |
| Height (TH35:7.5/TH35:15)                                                                                            | [mm]                                                                   |                                                                                     | 36.8/44         |             |                  | 43.8/51.3       |             |                  |                |             |                  |                |             |                  |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                 |             |                  |                 |             |                  |                |             |                  |                |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.2-6           |             |                  | 0.5-10          |             |                  |                |             |                  |                |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.5-4           |             |                  | 0.5-6           |             |                  |                |             |                  |                |             |                  |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 10              |             |                  | 12              |             |                  |                |             |                  |                |             |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA              |             |                  | PA              |             |                  |                |             |                  |                |             |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0              |             |                  | V0              |             |                  |                |             |                  |                |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in double layer Din-Rail Terminal block



### JWD2-1.5NZ/2

### JWD2-1.5NZ/2SJ

### JWD2-2.5NZ/2

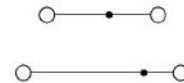
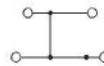
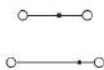
Terminal thickness: 3.5

Terminal thickness: 3.5

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  | (IEC)              | Rigid solid        | Flexible multi-conductor | I                | Ui      | (IEC)              | Rigid solid        | Flexible multi-conductor | I           | Ui               |          |         |     |
|--------------------|--------------------|--------------------------|-----|-----|--------------------|--------------------|--------------------------|------------------|---------|--------------------|--------------------|--------------------------|-------------|------------------|----------|---------|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) | (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)              | (V)     | (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)         | (V)              |          |         |     |
| IEC60947-7-1       |                    |                          |     |     | IEC60947-7-1       |                    |                          |                  |         | IEC60947-7-1       |                    |                          |             |                  |          |         |     |
| 0.14-1.5           |                    | 0.14-1.5                 |     | 16  | 500                | 0.14-1.5           |                          | 0.14-1.5         |         | 16                 | 500                | 0.14-4                   |             | 0.14-2.5         |          | 22      | 500 |
| Type               | Part Number        | Package quantity         |     |     |                    | Type               | Part Number              | Package quantity |         |                    |                    | Type                     | Part Number | Package quantity |          |         |     |
| JWD2-1.5NZ/2       | 9311209            | 80                       |     |     |                    | JWD2-1.5NZ/2SJ     | 9311212                  | 80               |         |                    |                    | JWD2-2. 5NZ/2            | 9311037     | 80               |          |         |     |
| JWD2-1.5NZ/2 BU    | 9311210            | 80                       |     |     |                    | JWD2-1.5NZ/2SJ BU  | 9311213                  | 80               |         |                    |                    | JWD2-2. 5NZ/2 BU         | 9311038     | 80               |          |         |     |
| G-D2-1.5NZ/2       | 9311211            | 50                       |     |     |                    | G-D2-1.5NZ/2       | 9311211                  | 50               |         |                    |                    | G-D2-2. 5NZ/2            | 9311051     | 50               |          |         |     |
| FBS2-3.5           | Imax:17.5          | 9311096                  | 200 |     |                    |                    | FBS2-3.5                 | Imax:17.5        | 9311096 | 200                |                    |                          |             | FBS2-5           | Imax:24A | 5130161 | 200 |
| FBS3-3.5           | 17.5               | 9311097                  | 200 |     |                    |                    | FBS3-3.5                 | 17.5             | 9311097 | 200                |                    |                          |             | FBS3-5           | 24A      | 5130174 | 200 |
| FBS4-3.5           | 17.5               | 9311098                  | 200 |     |                    |                    | FBS4-3.5                 | 17.5             | 9311098 | 200                |                    |                          |             | FBS4-5           | 24A      | 5130187 | 200 |
| FBS5-3.5           | 17.5               | 9311099                  | 100 |     |                    |                    | FBS5-3.5                 | 17.5             | 9311099 | 100                |                    |                          |             | FBS5-5           | 24A      | 5130190 | 100 |
| FBS10-3.5          | 17.5               | 9311100                  | 100 |     |                    |                    | FBS10-3.5                | 17.5             | 9311100 | 100                |                    |                          |             | FBS10-5          | 24A      | 5130213 | 100 |
| FBS20-3.5          | 17.5               | 9311101                  | 50  |     |                    |                    | FBS20-3.5                | 17.5             | 9311101 | 50                 |                    |                          |             | FBS20-5          | 24A      | 5130226 | 50  |
|                    |                    |                          |     |     |                    |                    |                          |                  |         |                    |                    |                          |             |                  |          |         |     |
| GF-D2-a/2          | 5130459            | 50                       |     |     |                    | GF-D2-a/2          | 5130459                  | 50               |         |                    |                    | GF-D2-a/2                | 5130747     | 50               |          |         |     |
| SZF 1-0.4X2.5      | 0204517            | 10                       |     |     |                    | SZF 1-0.4X2.5      | 0204517                  | 10               |         |                    |                    | SZF 1-0. 6X3. 5          | 0204517     | 10               |          |         |     |
|                    |                    |                          |     |     |                    |                    |                          |                  |         |                    |                    |                          |             |                  |          |         |     |
| ZBFM3.5            | 9311103            | 1000                     |     |     |                    | ZBFM3.5            | 9311103                  | 1000             |         |                    |                    | ZBFM5                    | 0 903 595   | 1000             |          |         |     |
| PS-3.5             | 9311172            | 10                       |     |     |                    | PS-3.5             | 9311172                  | 10               |         |                    |                    | PS-5                     | 9311173     | 10               |          |         |     |
| ZP-3.5/ZJ2         | 93140038           | 100                      |     |     |                    | ZP-3.5/ZJ2         | 93140038                 | 100              |         |                    |                    | ZP-a/ZJ2                 | 0900967     | 100              |          |         |     |
|                    |                    |                          |     |     |                    |                    |                          |                  |         |                    |                    |                          |             |                  |          |         |     |
| 3.5/65.4/41.1/2.2  |                    |                          |     |     | 3.5/65.4/41.1/2.2  |                    |                          |                  |         | 5.5/72.2/45.8/2.2  |                    |                          |             |                  |          |         |     |
| 42.6/50.1          |                    |                          |     |     | 42.6/50.1          |                    |                          |                  |         | 47.3/54.8          |                    |                          |             |                  |          |         |     |
|                    |                    |                          |     |     |                    |                    |                          |                  |         |                    |                    |                          |             |                  |          |         |     |
| 0.14-1.5           |                    |                          |     |     | 0.14-1.5           |                    |                          |                  |         | 0.14-4             |                    |                          |             |                  |          |         |     |
| 0.14-1.5           |                    |                          |     |     | 0.14-1.5           |                    |                          |                  |         | 0.32-2.5           |                    |                          |             |                  |          |         |     |
| 8-10               |                    |                          |     |     | 8-10               |                    |                          |                  |         | 10                 |                    |                          |             |                  |          |         |     |
| PA                 |                    |                          |     |     | PA                 |                    |                          |                  |         | PA                 |                    |                          |             |                  |          |         |     |
| V0                 |                    |                          |     |     | V0                 |                    |                          |                  |         | V0                 |                    |                          |             |                  |          |         |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in double layer Din-Rail Terminal block



**JWD2-2.5NZ/2SJ**



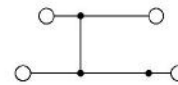
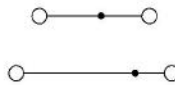
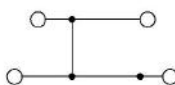
**JWD2-4NZ/2**



**JWD2-4NZ/2SJ**

| Terminal thickness: 5.2                                                                                              |                                                                        |                                                                                     |                                                                                         | Terminal thickness: 6.2                                        |                                       |                                                                                         |                                                                | Terminal thickness: 6.2               |                                                                                         |                                                                |                                       |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| (IEC)                                                                                                                | Rigid solid                                                            | Flexible multi-conductor                                                            | I Ui                                                                                    | (IEC)                                                          | Rigid solid                           | Flexible multi-conductor                                                                | I Ui                                                           | (IEC)                                 | Rigid solid                                                                             | Flexible multi-conductor                                       | I Ui                                  |
| (mm <sup>2</sup> )                                                                                                   | (mm <sup>2</sup> )                                                     | (mm <sup>2</sup> )                                                                  | (A) (V)                                                                                 | (mm <sup>2</sup> )                                             | (mm <sup>2</sup> )                    | (mm <sup>2</sup> )                                                                      | (A) (V)                                                        | (mm <sup>2</sup> )                    | (mm <sup>2</sup> )                                                                      | (mm <sup>2</sup> )                                             | (A) (V)                               |
| IEC60947-7-1                                                                                                         |                                                                        |                                                                                     |                                                                                         | IEC60947-7-1                                                   |                                       |                                                                                         |                                                                | IEC60947-7-1                          |                                                                                         |                                                                |                                       |
| 0.14-4                                                                                                               |                                                                        |                                                                                     |                                                                                         | 0.2-6                                                          |                                       |                                                                                         |                                                                | 0.2-6                                 |                                                                                         |                                                                |                                       |
| 0.14-2.5                                                                                                             |                                                                        |                                                                                     |                                                                                         | 0.2-4                                                          |                                       |                                                                                         |                                                                | 0.2-4                                 |                                                                                         |                                                                |                                       |
| 22                                                                                                                   |                                                                        |                                                                                     |                                                                                         | 28                                                             |                                       |                                                                                         |                                                                | 28                                    |                                                                                         |                                                                |                                       |
| 500                                                                                                                  |                                                                        |                                                                                     |                                                                                         | 500                                                            |                                       |                                                                                         |                                                                | 500                                   |                                                                                         |                                                                |                                       |
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      |
| In-line spring terminal mounted on  | Grey<br>Blue                                                           |                                                                                     | JWD2-2.5NZ/2SJ<br>JWD2-2.5NZ/2SJ BU                                                     | 9311039<br>9311040                                             | 80<br>80                              | JWD2-4NZ/2<br>JWD2-4NZ/2 BU                                                             | 9311041<br>9311042                                             | 51<br>51                              | JWD2-4NZ/2SJ<br>JWD2-4NZ/2SJ BU                                                         | 9311043<br>9311044                                             | 51<br>51                              |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-2.5NZ/2                                                                            | 9311051                                                        | 50                                    | G-D2-4NZ/2                                                                              | 9105200                                                        | 50                                    | G-D2-4NZ/2                                                                              | 9105200                                                        | 50                                    |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-6 Imax:32A<br>FBS3-6 32A<br>FBS4-6 32A<br>FBS5-6 32A<br>FBS10-6 32A<br>FBS20-6 32A | 5130336<br>5130242<br>5130255<br>5130349<br>5130271<br>5130365 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-6 Imax:32A<br>FBS3-6 32A<br>FBS4-6 32A<br>FBS5-6 32A<br>FBS10-6 32A<br>FBS20-6 32A | 5130161<br>5130242<br>5130255<br>5130349<br>5130271<br>5130365 | 200<br>200<br>100<br>100<br>100<br>50 |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |    |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |   | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM6                                                                                   | 0 903 618                                                      | 1000                                  | ZBFM6                                                                                   | 0 903 618                                                      | 1000                                  |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-5                                                                                    | 9311173                                                        | 10                                    | PS-6                                                                                    | 9311174                                                        | 10                                    | PS-6                                                                                    | 9311174                                                        | 10                                    |
| (9) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM                |                                                                        |  | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 5.5/72.2/45.8/2.2                                                                       |                                                                |                                       | 6.2/83.5/46.5/2.2                                                                       |                                                                |                                       | 6.2/83.5/46.5/2.2                                                                       |                                                                |                                       |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]                                                                   |                                                                                     | 47.3/54.8                                                                               |                                                                |                                       | 48.5/56                                                                                 |                                                                |                                       | 48.5/56                                                                                 |                                                                |                                       |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-4                                                                                  |                                                                |                                       | 0.2-6                                                                                   |                                                                |                                       | 0.2-6                                                                                   |                                                                |                                       |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.32-2.5                                                                                |                                                                |                                       | 0.5-4                                                                                   |                                                                |                                       | 0.5-4                                                                                   |                                                                |                                       |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 10                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                                                      |                                                                |                                       | PA                                                                                      |                                                                |                                       | PA                                                                                      |                                                                |                                       |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                                                      |                                                                |                                       | V0                                                                                      |                                                                |                                       | V0                                                                                      |                                                                |                                       |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in double layer Din-Rail Ground Terminal block



**JWD2-1.5NZ/2 PE**



**JWD2-2.5NZ/2PE**



**JWD2-4NZ/2PE**

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-2       |                    |                          |

Terminal thickness: 5.2

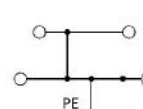
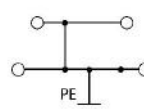
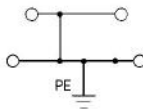
| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (B) |
| IEC60947-7-2       |                    |                          |     |     |

Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (B) |
| IEC60947-7-2       |                    |                          |     |     |

|                                                                                                                      |                                                                        |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       | 0.14-4                                                                                  |                                                                |                                       | 0.14-2.5                                                                                |                                                                |                                       | 0.2-6 |                   |                  | 0.2-4 |             |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-------|-------------------|------------------|-------|-------------|------------------|
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                                                                                      | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type  | Part Number       | Package quantity | Type  | Part Number | Package quantity |
| In-line spring terminal mounted on  | Grey Blue                                                              |                                                                                     | JWD2-1.5NZ/2 PE                                                                                           | 9311221                                                        | 80                                    | JWD2-2.5NZ/2PE                                                                          | 9712512                                                        | 50                                    | JWD2-4NZ/2PE                                                                            | 9712513                                                        | 51                                    |       |                   |                  |       |             |                  |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-1.5NZ/2                                                                                              | 9311211                                                        | 50                                    | G-D2-2.5NZ/2                                                                            | 9311051                                                        | 50                                    | G-D2-4NZ/2                                                                              | 9105200                                                        | 50                                    |       |                   |                  |       |             |                  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-3.5 Imax:17.5<br>FBS3-3.5 17.5<br>FBS4-3.5 17.5<br>FBS5-3.5 17.5<br>FBS10-3.5 17.5<br>FBS20-3.5 17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-6 Imax:32A<br>FBS3-6 32A<br>FBS4-6 32A<br>FBS5-6 32A<br>FBS10-6 32A<br>FBS20-6 32A | 5130336<br>5130242<br>5130255<br>5130349<br>5130271<br>5130365 | 200<br>200<br>100<br>100<br>100<br>50 |       |                   |                  |       |             |                  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |    |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |       |                   |                  |       |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |   | GF-D2-a/2                                                                                                 | 5130459                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    |       |                   |                  |       |             |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 1-0.4X2.5                                                                                             | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    |       |                   |                  |       |             |                  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |       |                   |                  |       |             |                  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                  |                                                                                     | ZBFM3.5                                                                                                   | 9311103                                                        | 1000                                  | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM6                                                                                   | 0 903 618                                                      | 1000                                  |       |                   |                  |       |             |                  |
| (8) Test plug                                                                                                        | Grey                                                                   |  | PS-3.5                                                                                                    | 9311172                                                        | 10                                    | PS-5                                                                                    | 9311173                                                        | 10                                    | PS-6                                                                                    | 9311174                                                        | 10                                    |       |                   |                  |       |             |                  |
| (9) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM                |                                                                        |  | ZP-3.5/ZJ2                                                                                                | 93140038                                                       | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   |       |                   |                  |       |             |                  |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |       |                   |                  |       |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 3.5/65.4/1.1/2.2                                                                                          |                                                                |                                       |                                                                                         |                                                                | 5.2/68/45.5/2.2                       |                                                                                         |                                                                |                                       |       | 6.2/83.5/46.5/2.2 |                  |       |             |                  |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]                                                                   |                                                                                     | 42.6/50.1                                                                                                 |                                                                |                                       |                                                                                         |                                                                | 47.5/55                               |                                                                                         |                                                                |                                       |       | 48.5/56           |                  |       |             |                  |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                                                                                                           |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |       |                   |                  |       |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       |                                                                                         |                                                                | 0.14-4                                |                                                                                         |                                                                |                                       |       | 0.2-6             |                  |       |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                                                                  |                                                                |                                       |                                                                                         |                                                                | 0.34-2.5                              |                                                                                         |                                                                |                                       |       | 0.5-4             |                  |       |             |                  |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 8-10                                                                                                      |                                                                |                                       |                                                                                         |                                                                | 10                                    |                                                                                         |                                                                |                                       |       | 10                |                  |       |             |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                                                                        |                                                                |                                       |                                                                                         |                                                                | PA                                    |                                                                                         |                                                                |                                       |       | PA                |                  |       |             |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                                                                        |                                                                |                                       |                                                                                         |                                                                | V0                                    |                                                                                         |                                                                |                                       |       | V0                |                  |       |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.

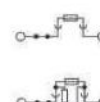
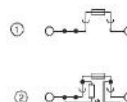
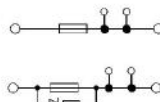


## Push-in Fuse-Type Din-Rail Terminal block


**JWD2-4NZ/RD**
**JWD2-4NZ-HESI**
**JWD2-10NZ-HESI**

| Terminal thickness: 8.2                                                     |                    |                                                                                                                      |                                                                                     |                    | Fuse: R054                     |                    |                          |     |               | Terminal thickness: 6.2         |                    |                          |                 |      | Fuse: R054                        |                    |                          |     |            | Terminal thickness: 10.2          |                    |                          |          |      | Fuse: R058                        |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|-----------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|--------------------------------|--------------------|--------------------------|-----|---------------|---------------------------------|--------------------|--------------------------|-----------------|------|-----------------------------------|--------------------|--------------------------|-----|------------|-----------------------------------|--------------------|--------------------------|----------|------|-----------------------------------|-----|------------------|--|----------|-----|------------|-----|--|--|-----|--|--|--|--|--------|--|--|--|--|------|--|--|--|--|----|--|--|--|--|-----|--|--|--|--|
| (IEC)                                                                       | Rigid solid        | Flexible multi-conductor                                                                                             | I                                                                                   | Ui                 | (IEC)                          | Rigid solid        | Flexible multi-conductor | I   | Ui            | (IEC)                           | Rigid solid        | Flexible multi-conductor | I               | Ui   | (IEC)                             | Rigid solid        | Flexible multi-conductor | I   | Ui         | (IEC)                             | Rigid solid        | Flexible multi-conductor | I        | Ui   |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (mm <sup>2</sup> )                                                          | (mm <sup>2</sup> ) | (mm <sup>2</sup> )                                                                                                   | (A)                                                                                 | (V)                | (mm <sup>2</sup> )             | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V)           | (mm <sup>2</sup> )              | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)             | (V)  | (mm <sup>2</sup> )                | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V)        | (mm <sup>2</sup> )                | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A)      | (V)  |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| IEC60947-7-3                                                                |                    |                                                                                                                      |                                                                                     |                    | IEC60947-7-3                   |                    |                          |     |               | IEC60947-7-3                    |                    |                          |                 |      | IEC60947-7-3                      |                    |                          |     |            | IEC60947-7-3                      |                    |                          |          |      | IEC60947-7-3                      |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| 0.5-6                                                                       |                    |                                                                                                                      |                                                                                     |                    | 0.5-4                          |                    |                          |     |               | 17.5                            |                    |                          |                 |      | 500                               |                    |                          |     |            | 0.5-6                             |                    |                          |          |      | 0.5-4                             |     |                  |  |          | 6.3 |            |     |  |  | 500 |  |  |  |  | 0.5-16 |  |  |  |  | 1-10 |  |  |  |  | 10 |  |  |  |  | 630 |  |  |  |  |
| Description                                                                 |                    | Color                                                                                                                |                                                                                     | Type               | Part Number                    |                    | Package quantity         |     | Type          | Part Number                     |                    | Package quantity         |                 | Type | Part Number                       |                    | Package quantity         |     | Type       | Part Number                       |                    | Package quantity         |          | Type | Part Number                       |     | Package quantity |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (1) With indicator lamp                                                     |                    | In-line spring terminal mounted on  |                                                                                     | Grey               | JWD2-4NZ/RD                    |                    | 9311088                  |     | 48            | JWD2MNZ-HESI                    |                    | 9311179                  |                 | 48   | JWD2-10NZ-HESI                    |                    | 9311184                  |     | 48         | JWD2-10NZ-HESI                    |                    | 9311184                  |          | 48   | JWD2-10NZ-HESI                    |     | 9311184          |  | 48       |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 24V-48V-110V, common for AC/DC                                                                                       |                                                                                     | 2-3 mmA            | JWD2-4NZ/RD/24V-48V-110V AC/DC |                    | 9311090                  |     | 48            | JWD24NZ-HESI/24V-48V-110V AC/DC |                    | 9311181                  |                 | 48   | JWD2-10NZ-HESI/24V-48V-110V AC/DC |                    | 9311186                  |     | 48         | JWD2-10NZ-HESI/24V-48V-110V AC/DC |                    | 9311186                  |          | 48   | JWD2-10NZ-HESI/24V-48V-110V AC/DC |     | 9311186          |  | 48       |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 5V-12V, common for AC/DC                                                                                             |                                                                                     | 1.8-9 mmA          | JWD2-4NZ/RD/5V-12V AC/DC       |                    | 9311091                  |     | 48            | JWD24NZ-HESI/5V-12V AC/DC       |                    | 9311182                  |                 | 48   | JWD2-10NZ-HESI/5V-12V AC/DC       |                    | 9311187                  |     | 48         | JWD2-10NZ-HESI/5V-12V AC/DC       |                    | 9311187                  |          | 48   | JWD2-10NZ-HESI/5V-12V AC/DC       |     | 9311187          |  | 48       |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 220V-380V, common for AC/DC                                                                                          |                                                                                     | 16-4 mmA           | JWD2-4NZ/RD/220V-380V AC/DC    |                    | 9311092                  |     | 48            | JWD2-4NZ-HESI/220V-380V AC/DC   |                    | 9311183                  |                 | 48   | JWD2-10NZ-HESI/220V-380V AC/DC    |                    | 9311188                  |     | 48         | JWD2-10NZ-HESI/220V-380V AC/DC    |                    | 9311188                  |          | 48   | JWD2-10NZ-HESI/220V-380V AC/DC    |     | 9311188          |  | 48       |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center |                    | 2 digits                                                                                                             |                                                                                     | FBS2-8             | Imax:41A                       |                    | 5130284                  | 100 | FBS 2-6       |                                 | Imax:32A           |                          | 51 30 33 6      | 200  | FBS 2-10                          |                    | Imax:57A                 |     | 5105947    | 100                               | FBS 2-6            |                          | Imax:32A |      | 51 30 33 6                        | 200 | FBS 2-10         |  | Imax:57A |     | 5105947    | 100 |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 3 digits                                                                                                             |                                                                                     | FBS3-8             | 41A                            |                    | 5130297                  | 100 | FBS 3-6       |                                 | 32A                |                          | 51 30 24 2      | 200  | FBS 3-6                           |                    | 32A                      |     | 51 30 24 2 | 200                               | FBS 3-6            |                          | 32A      |      | 51 30 24 2                        | 200 | FBS 3-6          |  | 32A      |     | 51 30 24 2 | 200 |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 4 digits                                                                                                             |                                                                                     | FBS4-8             | 41A                            |                    | 5130307                  | 100 | FBS 4-6       |                                 | 32A                |                          | 51 30 25 5      | 100  | FBS 4-6                           |                    | 32A                      |     | 51 30 25 5 | 100                               | FBS 4-6            |                          | 32A      |      | 51 30 25 5                        | 100 | FBS 4-6          |  | 32A      |     | 51 30 25 5 | 100 |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 5 digits                                                                                                             |                                                                                     | FBS5-8             | 41A                            |                    | 5130310                  | 50  | FBS 5-6       |                                 | 32A                |                          | 51 30 34 9      | 100  | FBS 5-6                           |                    | 32A                      |     | 51 30 34 9 | 100                               | FBS 5-6            |                          | 32A      |      | 51 30 34 9                        | 100 | FBS 5-6          |  | 32A      |     | 51 30 34 9 | 100 |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    | 10 digits                                                                                                            |                                                                                     | FBS10-8            | 41A                            |                    | 5130323                  | 50  | FBS 10-6      |                                 | 32A                |                          | 51 30 27 1      | 100  | FBS 10-6                          |                    | 32A                      |     | 51 30 27 1 | 100                               | FBS 10-6           |                          | 32A      |      | 51 30 27 1                        | 100 | FBS 10-6         |  | 32A      |     | 51 30 27 1 | 100 |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ  |                    | 20 digits                                                                                                            |                                                                                     |                    |                                |                    |                          |     | FBS 20-6      |                                 | 32A                |                          | 51 30 36 5      | 50   |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    |                                                                                                                      |                                                                                     |                    |                                |                    |                          |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
|                                                                             |                    |                                                                                                                      |                                                                                     |                    |                                |                    |                          |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (4) End plate                                                               |                    | Grey                                                                                                                 |  |                    |                                |                    |                          |     | G-D2-4a       |                                 |                    |                          | 5130420         | 50   |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (5) Screwdriver                                                             |                    |                                   |                                                                                     | SZF 2-0.8X4.0      | 0204520                        |                    | 10                       |     | SZF 1-0.6X3.5 |                                 |                    |                          | 02 04 51 7      | 10   | SZF 3-1.0X5.5                     |                    |                          |     | 02 06 61 2 | 10                                |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (6) Quick tag, with 10 digits for identification in the terminal center     |                    | White                                                                                                                |                                                                                     |                    |                                |                    |                          |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (7) Quick designation strip, with 100 digits for lateral identification     |                    | White                                                                                                                |                                                                                     | ZBFM8              | 3 903 734                      |                    | 1000                     |     | ZBFM6         |                                 |                    |                          | 0 903 618       | 1000 | ZBFM8                             |                    |                          |     | 0 903 734  | 1000                              |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| (8) Test plug                                                               |                    | Grey                                                                                                                 |  | PS-8               | 9311176                        |                    | 10                       |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Terminal dimensions                                                         |                    |                                                                                                                      |                                                                                     |                    |                                |                    |                          |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Thickness / length / height / end plate thickness                           |                    |                                                                                                                      |                                                                                     | [mm]               | 8.2/66.8/35.8                  |                    |                          |     |               |                                 |                    |                          | 6.2/56/57.3/2.2 |      |                                   |                    |                          |     |            |                                   | 10.2/88.9/77.3     |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Height (TH35.7.5/TH35.15)                                                   |                    |                                                                                                                      |                                                                                     | [mm]               | 37.3/44.8                      |                    |                          |     |               |                                 |                    |                          | 64.8/72.3       |      |                                   |                    |                          |     |            |                                   | 78.3/84.8          |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Connection (directly pluggable)                                             |                    |                                                                                                                      |                                                                                     |                    |                                |                    |                          |     |               |                                 |                    |                          |                 |      |                                   |                    |                          |     |            |                                   |                    |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Rigid                                                                       |                    |                                                                                                                      |                                                                                     | [mm <sup>2</sup> ] | 0.5-6                          |                    |                          |     |               |                                 |                    |                          | 0.5-6           |      |                                   |                    |                          |     |            |                                   | 0.5-10             |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal  |                    |                                                                                                                      |                                                                                     | [mm <sup>2</sup> ] | 0.5-4                          |                    |                          |     |               |                                 |                    |                          | 0.5-4           |      |                                   |                    |                          |     |            |                                   | 0.5-10             |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Stripping length                                                            |                    |                                                                                                                      |                                                                                     | [mm]               | 12                             |                    |                          |     |               |                                 |                    |                          | 12              |      |                                   |                    |                          |     |            |                                   | 18-20              |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Insulation material                                                         |                    |                                                                                                                      |                                                                                     |                    | PA                             |                    |                          |     |               |                                 |                    |                          | PA              |      |                                   |                    |                          |     |            |                                   | PA                 |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |
| Grading as per UL 94                                                        |                    |                                                                                                                      |                                                                                     |                    | V0                             |                    |                          |     |               |                                 |                    |                          | V0              |      |                                   |                    |                          |     |            |                                   | V0                 |                          |          |      |                                   |     |                  |  |          |     |            |     |  |  |     |  |  |  |  |        |  |  |  |  |      |  |  |  |  |    |  |  |  |  |     |  |  |  |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Switching Din-Rail Terminal block



**JWD2-4NZ/K**

Terminal thickness: 6.2

| Overall dimensions                                       |             |                            |                  |             |
|----------------------------------------------------------|-------------|----------------------------|------------------|-------------|
| Width / thickness / height (mm)*                         |             | 73.1/6.2/(36.5/44)         |                  |             |
| Stripping length (mm)                                    |             | 10-12mm                    |                  |             |
| Rating data                                              |             |                            |                  |             |
| Rated voltage / rated current / rated cross-section      |             | 1000V/20A/4mm <sup>2</sup> |                  |             |
| Rated impulse withstand voltage / degree of pollution    |             | 8kV/3                      |                  |             |
| Central liaison unit I <sub>max</sub>                    |             | 32A                        |                  |             |
| Conductor clamping range (mm <sup>2</sup> )              |             |                            |                  |             |
| Single conductor                                         |             | 0.2.....6                  |                  |             |
| Stranded conductor (with tubular pre-insulated terminal) |             | 0.2.....4                  |                  |             |
| Order Data                                               | Color       | Type                       | Package quantity | Part Number |
|                                                          | ■ Grey      | JWD2-4NZ/K                 | 60               | 9311155     |
|                                                          | ■ Blue      | JWD2MNZ/K BU               | 60               | 9311156     |
| Partition                                                |             | Thickness = 2.2 mm         |                  |             |
|                                                          | ■ Grey      | G-D2-4a                    | 100              | 5130420     |
|                                                          | ■ Blue      | G-D2-4NZ/K BU              | 100              | 9311190     |
| Group partition                                          |             |                            |                  |             |
|                                                          | ■ Grey      |                            |                  |             |
| Plug-in bridgware                                        |             |                            |                  |             |
|                                                          | 2 channels  | FBS2-6                     | 100              | 5130336     |
|                                                          | 3 channels  | FBS3-6                     | 100              | 5130242     |
|                                                          | 4 channels  | FBS4-6                     | 100              | 5130255     |
|                                                          | 5 channels  | FBS5-6                     | 100              | 5130349     |
|                                                          | 10 channels | FBS10-6                    | 10               | 5130271     |
| Test plug                                                |             |                            |                  |             |
|                                                          |             | 2.3 ST                     | 40               | 8775101     |
| Conversion test jack                                     |             |                            |                  |             |
|                                                          |             | 2.3/4ST                    | 5                | 5553121     |
| Test plug                                                |             |                            |                  |             |
|                                                          | Grey        | PS-6                       | 10               | 9311174     |
| Screwdriver                                              |             |                            |                  |             |
|                                                          |             | SZF 1-0.6X3.5              | 10               | 0204517     |
| Marking number                                           |             |                            |                  |             |
|                                                          | Blank       | ZP6                        | 100              | 8868103     |
| Marking number                                           |             |                            |                  |             |
|                                                          | Blank       | ZBFM6                      | 100              | 0903618     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.

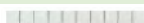


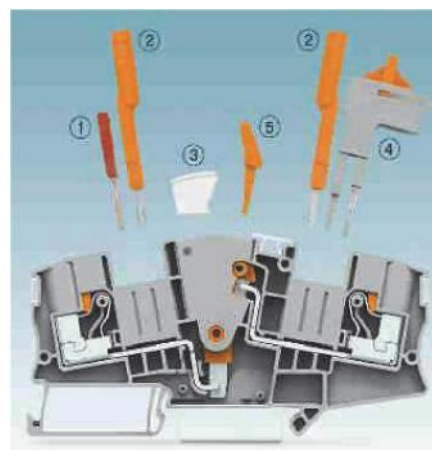
## Push-in Switching Test Din-Rail Terminal block



**JWD2-6NZ/S**

Terminal thickness: 8.2

| Overall dimensions                                                                                                                                                                                                                           |                                |                            |                  |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------|------------------|-------------|
| Width / thickness / height (mm)*                                                                                                                                                                                                             |                                | 96.9/8.2/(55.9/63.4)       |                  |             |
| Stripping length (mm)                                                                                                                                                                                                                        |                                | 10-12mm                    |                  |             |
| Rating data                                                                                                                                                                                                                                  |                                |                            |                  |             |
| Rated voltage / rated current / rated cross-section                                                                                                                                                                                          |                                | 1000V/32A/6mm <sup>2</sup> |                  |             |
| Rated impulse withstand voltage / degree of pollution                                                                                                                                                                                        |                                | 8kV/3                      |                  |             |
| Central liaison unit I <sub>max</sub>                                                                                                                                                                                                        |                                | 41A                        |                  |             |
| Conductor clamping range (mm <sup>2</sup> )                                                                                                                                                                                                  |                                |                            |                  |             |
| Single conductor                                                                                                                                                                                                                             |                                | 1.....10                   |                  |             |
| Stranded conductor (with tubular pre-insulated terminal)                                                                                                                                                                                     |                                | 0.5.....6                  |                  |             |
| Order Data                                                                                                                                                                                                                                   |                                | Type                       | Package quantity | Part Number |
| <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></div> <div style="width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></div> </div> | Grey                           | JWD2-6NZ/S                 | 20               | 9311191     |
|                                                                                                                                                                                                                                              | Blue                           | JWD2-6NZ/S BU              | 20               | 9311192     |
| Partition                                                                                                                                                                                                                                    |                                | Thickness = 2.2 mm         |                  |             |
| <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></div> <div style="width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></div> </div> | Grey                           | G-D2-6NZ/S                 | 50               | 9311193     |
|                                                                                                                                                                                                                                              | Blue                           | G-D2-6NZ/S BU              | 50               | 9311194     |
| Group partition                                                                                                                                                                                                                              |                                |                            |                  |             |
| <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: grey; margin-right: 5px;"></div> </div>                                                                                           | Grey                           | GF-D2-6NZ/S                | 50               | 9311195     |
| Plug-in bridgware                                                                                                                                                                                                                            |                                |                            |                  |             |
|                                                                                                                                                           | 2 channels                     | FBS2-8                     | 100              | 5130284     |
|                                                                                                                                                                                                                                              | 3 channels                     | FBS3-8                     | 100              | 5130297     |
|                                                                                                                                                                                                                                              | 4 channels                     | FBS4-8                     | 100              | 5130307     |
|                                                                                                                                                                                                                                              | 5 channels                     | FBS5-8                     | 100              | 5130310     |
|                                                                                                                                                                                                                                              | 10 channels                    | FBS10-8                    | 10               | 5130323     |
| Test plug                                                                                                                                                                                                                                    |                                |                            |                  |             |
|                                                                                                                                                           |                                | CPS6T                      | 50               | 9311229     |
| Conversion test jack                                                                                                                                                                                                                         |                                |                            |                  |             |
|                                                                                                                                                           |                                |                            |                  |             |
| Holder                                                                                                                                                                                                                                       |                                |                            |                  |             |
|                                                                                                                                                           | Thickness: 10mm                | ZG4                        | 50               | 5103103     |
| Screwdriver                                                                                                                                                                                                                                  |                                |                            |                  |             |
|                                                                                                                                                           | Dimensions (Thickness X Width) | SZF 1-0.6X3.5              | 10               | 02 04 51 7  |
| Marking number                                                                                                                                                                                                                               |                                |                            |                  |             |
|                                                                                                                                                           | Blank                          | ZP8                        | 100              | 8868104     |
| Marking number                                                                                                                                                                                                                               |                                |                            |                  |             |
|                                                                                                                                                           | Blank                          | ZBFM8                      | 100              | 0903734     |



- Only two JWD2-6NZ/S can be used to create a current transformer circuit. Less space is required than that for creating a circuit with sliding terminal for breaking capacity.
- ① FBS...plug-in bridgware for cross-connection  
 ② 4 mm (diameter) GPAI-4-FIX...test socket  
 ③ GS-ME 6 switch lock  
 ④ SB-ME...bridgware  
 ⑤ GC-ME 6/2 toggle switch operating lever

|                                                                                      |              |               |              | Order Data  |                                  |
|--------------------------------------------------------------------------------------|--------------|---------------|--------------|-------------|----------------------------------|
| Description                                                                          | Position No. | Color         | Type         | Part Number | Number of units/package quantity |
| Test adapter used for the 4 mm (diameter) safety test plug and clamped to the bridge | 1            | Orange        | PAI-4-FIX OG | 93121404    | 10                               |
|                                                                                      | 1            | Yellow        | PAI-4-FIX YE | 93121405    | 10                               |
|                                                                                      | 1            | Green         | PAI-4-FIX GN | 93121406    | 10                               |
|                                                                                      | 1            | Purple        | PAI-4-FIX VT | 93121407    | 10                               |
|                                                                                      | 1            | Black         | PAI-4-FIX BK | 93121408    | 10                               |
|                                                                                      | 1            | Blue          | PAI-4-FIX BU | 93121409    | 10                               |
|                                                                                      | 1            | Red           | PAI-4-FIX RD | 93121410    | 10                               |
|                                                                                      | 1            | Grey          | PAI-4-FIX GY | 93121411    | 10                               |
|                                                                                      | 1            | Brown         | PAI-4-FIX BN | 93121412    | 10                               |
|                                                                                      | 1            | White         | PAI-4-FIX WH | 93121413    | 10                               |
| Switch lock, pluggable                                                               |              | White         | S-ME6        | 93121414    | 10                               |
| Switch bridgware, pluggable                                                          | 2            | Grey / orange | SB-ME 2-8    | 93121415    | 10                               |
|                                                                                      | 3            | Grey / orange | SB-ME 3-8    | 93121416    | 10                               |
|                                                                                      | 4            | Grey / orange | SB-ME 4-8    | 93121417    | 10                               |
| Operating lever used to drive the test terminal for breaking capacity                | 1            | Orange        | C-ME 6/1     | 93121418    | 10                               |
|                                                                                      | 2            | Orange        | C-ME 6/2     | 93121419    | 10                               |
|                                                                                      | 3            | Orange        | C-ME 6/3     | 93121420    | 50                               |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Pluggable Din-Rail Terminal block



**JWD2-2.5NZ/1P**



**JWD2-2.5NZ/2P**



**JWD2-2.5NZ/2P-SJ**

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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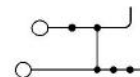
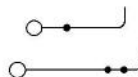
Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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|                                                                                                        |                                                                        |                                                                                     | 0.14-4                                                                                  |                                                                |                                       | 0.14-2.5                                                                                |                                                                |                                       | 22                                                                                      |                                                                |                                       | 500                                                                                     |                                                                |                                       |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| Description                                                                                            | Color                                                                  | Schematic diagram                                                                   | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      | Type                                                                                    | Part Number                                                    | Package quantity                      |
| In-line spring terminal mounted on                                                                     | Grey<br>Blue                                                           |    | JWD2-2.5NZ/1P<br>JWD2-2.5NZ/1P BU                                                       | 9311045<br>9311046                                             | 100<br>100                            | JWD2-2.5NZ/2P<br>JWD2-2.5NZ/2P BU                                                       | 9311047<br>9311048                                             | 70<br>70                              | JWD2-2.5NZ/2P-SJ<br>JWD2-2.5NZ/2P-SJ BU                                                 | 9311049<br>9311050                                             | 70<br>70                              | JWD2-2.5NZ/2P-SJ<br>JWD2-2.5NZ/2P-SJ BU                                                 | 9311049<br>9311050                                             | 70<br>70                              |
| (1) End plate                                                                                          | Grey                                                                   |    | G-D2-2.5a                                                                               | 5130417                                                        | 50                                    | G-D2-2.5/5.08                                                                           | 5140096                                                        | 50                                    | G-D2-2.5/5.08                                                                           | 5140096                                                        | 50                                    | G-D2-2.5/5.08                                                                           | 5140096                                                        | 50                                    |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                            | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5 Imax:24A<br>FBS3-5 24A<br>FBS4-5 24A<br>FBS5-5 24A<br>FBS10-5 24A<br>FBS20-5 24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                             |                                                                        |    |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm          |                                                                        |   | GF-D2-4a                                                                                | 5130721                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    | GF-D2-a/2                                                                               | 5130747                                                        | 50                                    |
| (5) Screwdriver                                                                                        |                                                                        |   | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    | SZF 1-0.6X3.5                                                                           | 0204517                                                        | 10                                    |
| (6) JWD2-2.5NZ CT in-line plug                                                                         |                                                                        |  | JWD2-2.5NZ CT/1                                                                         | 9312052                                                        | 10                                    | JWD2-2.5NZ CT/1                                                                         | 9312052                                                        | 10                                    | JWD2-2.5NZ CT/1                                                                         | 9312052                                                        | 10                                    | JWD2-2.5NZ CT/1                                                                         | 9312052                                                        | 10                                    |
| (7) Quick tag, with 10 digits for identification in the terminal center                                | White                                                                  |                                                                                     | ZP5                                                                                     | 8 868 102                                                      | 100                                   |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| (8) Quick designation strip, with 10 digits for lateral identification                                 | White                                                                  |                                                                                     | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  | ZBFM5                                                                                   | 0 903 595                                                      | 1000                                  |
| (9) Test plug                                                                                          | Grey                                                                   |  | PS-5                                                                                    | 9311173                                                        | 10                                    | PS-5                                                                                    | 9311173                                                        | 10                                    | PS-5                                                                                    | 9311173                                                        | 10                                    | PS-5                                                                                    | 9311173                                                        | 10                                    |
| (10) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM |                                                                        |  |                                                                                         |                                                                |                                       | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   | ZP-a/ZJ2                                                                                | 0900967                                                        | 100                                   |
| Terminal dimensions                                                                                    |                                                                        |                                                                                     |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Thickness / length / height / end plate thickness                                                      | [mm]                                                                   |                                                                                     | 5.2/48.5/35.3/2.2                                                                       |                                                                |                                       | 5.2/71.5/46/2.2                                                                         |                                                                |                                       | 5.2/71.5/46/2.2                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Height (TH35.7.5/TH35.15)                                                                              | [mm]                                                                   |                                                                                     | 36.5/44                                                                                 |                                                                |                                       | 47.5/55                                                                                 |                                                                |                                       | 47.5/55                                                                                 |                                                                |                                       |                                                                                         |                                                                |                                       |
| Connection (directly pluggable)                                                                        |                                                                        |                                                                                     |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |                                                                                         |                                                                |                                       |
| Rigid                                                                                                  | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-4                                                                                  |                                                                |                                       | 0.14-4                                                                                  |                                                                |                                       | 0.14-4                                                                                  |                                                                |                                       |                                                                                         |                                                                |                                       |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                             | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.34-2.5                                                                                |                                                                |                                       | 0.34-2.5                                                                                |                                                                |                                       | 0.34-2.5                                                                                |                                                                |                                       |                                                                                         |                                                                |                                       |
| Stripping length                                                                                       | [mm]                                                                   |                                                                                     | 10                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       | 10                                                                                      |                                                                |                                       |                                                                                         |                                                                |                                       |
| Insulation material                                                                                    |                                                                        |                                                                                     | PA                                                                                      |                                                                |                                       | PA                                                                                      |                                                                |                                       | PA                                                                                      |                                                                |                                       |                                                                                         |                                                                |                                       |
| Grading as per UL 94                                                                                   |                                                                        |                                                                                     | V0                                                                                      |                                                                |                                       | V0                                                                                      |                                                                |                                       | V0                                                                                      |                                                                |                                       |                                                                                         |                                                                |                                       |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in Pluggable Din-Rail Terminal block



**JWD2-4NZ/1P**



**JWD2-6NZ/1P**

Terminal thickness: 6.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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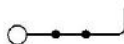
Terminal thickness: 8.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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|                                                                                                                      |  |  | 0.2-6              |                                                                                     | 0.2-4           |                | 32 |             | 800 |                  | 0.5-10 |                | 0.5-6           |              | 41 |                  | 1000 |         |  |     |  |
|----------------------------------------------------------------------------------------------------------------------|--|--|--------------------|-------------------------------------------------------------------------------------|-----------------|----------------|----|-------------|-----|------------------|--------|----------------|-----------------|--------------|----|------------------|------|---------|--|-----|--|
| Description                                                                                                          |  |  | Color              | Schematic diagram                                                                   |                 | Type           |    | Part Number |     | Package quantity |        | Type           |                 | Part Number  |    | Package quantity |      |         |  |     |  |
| In-line spring terminal mounted on  |  |  | Grey<br>Blue       |                                                                                     |                 | JWD2-4NZ/1P    |    | 9712514     |     | 50               |        | JWD2-6NZ/1P    |                 | 9712516      |    | 50               |      |         |  |     |  |
|                                                                                                                      |  |  |                    |                                                                                     |                 | JWD2-4NZ/1P BU |    | 9712515     |     | 50               |        | JWD2-6NZ/1P BU |                 | 9712517      |    | 50               |      |         |  |     |  |
| (1) End plate                                                                                                        |  |  | Grey               |    |                 | G-D2-4NZ       |    | 910500      |     | 50               |        | G-D2-6NZ       |                 | 9311003      |    | 50               |      |         |  |     |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          |  |  | 2 digits           |    |                 | FBS2-6         |    | Imax:32A    |     | 5130336          |        | 200            |                 | FBS2-8       |    | Imax:41A         |      | 5130284 |  | 100 |  |
|                                                                                                                      |  |  | 3 digits           |                                                                                     |                 | FBS3-6         |    | 32A         |     | 5130242          |        | 200            |                 | FBS3-8       |    | 41A              |      | 5130297 |  | 100 |  |
|                                                                                                                      |  |  | 4 digits           |                                                                                     |                 | FBS4-6         |    | 32A         |     | 5130255          |        | 200            |                 | FBS4-8       |    | 41A              |      | 5130307 |  | 100 |  |
|                                                                                                                      |  |  | 5 digits           |                                                                                     |                 | FBS5-6         |    | 32A         |     | 5130349          |        | 100            |                 | FBS5-8       |    | 41A              |      | 5130310 |  | 50  |  |
|                                                                                                                      |  |  | 10 digits          |                                                                                     |                 | FBS10-6        |    | 32A         |     | 5130271          |        | 100            |                 | FBS10-8      |    | 41A              |      | 5130323 |  | 50  |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |  |  | 20 digits          |    |                 | FBS20-6        |    | 32A         |     | 5130365          |        | 50             |                 | RB 6-(2.5/4) |    | Imax:48A         |      | 5130860 |  | 100 |  |
|                                                                                                                      |  |  |                    |                                                                                     |                 |                |    |             |     |                  |        |                |                 |              |    |                  |      |         |  |     |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |  |  |                    |   |                 | GF-D2-4a       |    | 5130721     |     | 50               |        | GF-D2-6a       |                 | 5124481      |    | 50               |      |         |  |     |  |
| (5) Screwdriver                                                                                                      |  |  |                    |  |                 | SZF 1-0.6X3.5  |    | 0204517     |     | 10               |        | SZF 2-0.8X4.0  |                 | 0204520      |    | 10               |      |         |  |     |  |
| (6) JWD2-4NZ/6NZ CT in-line plug                                                                                     |  |  |                    |  |                 | JWD2-4NZ CT/1  |    | 9312016     |     | 10               |        | JWD2-6NZ CT/1  |                 | 9312035      |    | 10               |      |         |  |     |  |
| (7) Quick tag, with 10 digits for identification in the terminal center                                              |  |  | White              |                                                                                     |                 | ZP6            |    | 8 868 103   |     | 100              |        | ZP8            |                 | 8 868 104    |    | 100              |      |         |  |     |  |
| (8) Quick designation strip, with 10 digits for lateral identification                                               |  |  | White              |                                                                                     |                 | ZBFM6          |    | 0 903 618   |     | 1000             |        | ZBFM8          |                 | 0 903 734    |    | 1000             |      |         |  |     |  |
| (9) Test plug                                                                                                        |  |  | Grey               |  |                 | PS-6           |    | 9311174     |     | 10               |        | PS-8           |                 | 9311175      |    | 10               |      |         |  |     |  |
| Terminal dimensions                                                                                                  |  |  |                    |                                                                                     |                 |                |    |             |     |                  |        |                |                 |              |    |                  |      |         |  |     |  |
| Thickness / length / height / end plate thickness                                                                    |  |  | [mm]               |                                                                                     | 6.2/56/35.3/2.2 |                |    |             |     |                  |        |                | 8.2/58/42.3/2.2 |              |    |                  |      |         |  |     |  |
| Height (TH35:7.5/TH35:15)                                                                                            |  |  | [mm]               |                                                                                     | 36.8/44.3       |                |    |             |     |                  |        |                | 43.8/51.3       |              |    |                  |      |         |  |     |  |
| Connection (directly pluggable)                                                                                      |  |  |                    |                                                                                     |                 |                |    |             |     |                  |        |                |                 |              |    |                  |      |         |  |     |  |
| Rigid                                                                                                                |  |  | [mm <sup>2</sup> ] |                                                                                     | 0.5-6           |                |    |             |     |                  |        |                | 0.5-10          |              |    |                  |      |         |  |     |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           |  |  | [mm <sup>2</sup> ] |                                                                                     | 0.5-4           |                |    |             |     |                  |        |                | 1-6             |              |    |                  |      |         |  |     |  |
| Stripping length                                                                                                     |  |  | [mm]               |                                                                                     | 10              |                |    |             |     |                  |        |                | 12              |              |    |                  |      |         |  |     |  |
| Insulation material                                                                                                  |  |  |                    |                                                                                     | PA              |                |    |             |     |                  |        |                | PA              |              |    |                  |      |         |  |     |  |
| Grading as per UL 94                                                                                                 |  |  |                    |                                                                                     | V0              |                |    |             |     |                  |        |                | V0              |              |    |                  |      |         |  |     |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Pluggable Din-Rail Ground Terminal block



JWD2-2.5NZ/1P-PE

JWD2-2.5NZ/2P-PE

Terminal thickness: 5.2

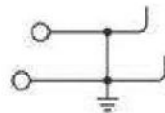
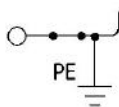
Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-2       |                    |                          |     |     |

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-2       |                    |                          |     |     |

|                                                                                                                      |                                                                        |                                                                                     | 0.14-4                                                     |                                             |                                                                | 0.14-2.5                              |                                                            |                                             | 0.14-4                                                         |                                       |                  | 0.14-2.5 |             |                  |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------|---------------------------------------|------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------|---------------------------------------|------------------|----------|-------------|------------------|
| Description                                                                                                          | Color                                                                  | Schematic diagram                                                                   | Type                                                       | Part Number                                 | Package quantity                                               | Type                                  | Part Number                                                | Package quantity                            | Type                                                           | Part Number                           | Package quantity | Type     | Part Number | Package quantity |
| In-line spring terminal mounted on  | Grey<br>Blue                                                           |                                                                                     | JWD2-2.5NZ/1P-PE                                           | 9712518                                     | 100                                                            | JWD2MNZ/2P-PE                         | 9712519                                                    | 70                                          |                                                                |                                       |                  |          |             |                  |
| (1) End plate                                                                                                        | Grey                                                                   |    | G-D2-2.5a                                                  | 5130417                                     | 50                                                             | G-D2-2.5/5.08                         | 51 40 09 6                                                 | 50                                          |                                                                |                                       |                  |          |             |                  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-5<br>FBS3-5<br>FBS4-5<br>FBS5-5<br>FBS10-5<br>FBS20-5 | Imax:24A<br>24A<br>24A<br>24A<br>24A<br>24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-5<br>FBS3-5<br>FBS4-5<br>FBS5-5<br>FBS10-5<br>FBS20-5 | Imax:24A<br>24A<br>24A<br>24A<br>24A<br>24A | 5130161<br>5130174<br>5130187<br>5130190<br>5130213<br>5130226 | 200<br>200<br>200<br>100<br>100<br>50 |                  |          |             |                  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                        |    |                                                            |                                             |                                                                |                                       |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                        |   | GF-D2-4a                                                   | 5130721                                     | 50                                                             | GF-D2-a/2                             | 5130747                                                    | 50                                          |                                                                |                                       |                  |          |             |                  |
| (5) Screwdriver                                                                                                      |                                                                        |  | SZF 1-0.6X3. 5                                             | 0204517                                     | 10                                                             | SZF 1-0.6X3. 5                        | 0204517                                                    | 10                                          |                                                                |                                       |                  |          |             |                  |
| (6) JWD2-4NZ/6NZ CT in-line plug                                                                                     |                                                                        |  | JWD2-2.5NZ CT/1                                            | 9312052                                     | 10                                                             | JWD2-2.5NZ CT/1                       | 9312052                                                    | 10                                          |                                                                |                                       |                  |          |             |                  |
| (7) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                  |                                                                                     | ZP5                                                        | 8 868102                                    | 100                                                            |                                       |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| (8) Quick designation strip, with 10 digits for lateral identification                                               | White                                                                  |                                                                                     | ZBFM5                                                      | 0 903 595                                   | 1000                                                           | ZBFM5                                 | 0 903 595                                                  | 1000                                        |                                                                |                                       |                  |          |             |                  |
| (9) Test plug                                                                                                        | Grey                                                                   |  | PS-5                                                       | 9311173                                     | 10                                                             | PS-5                                  | 9311173                                                    | 10                                          |                                                                |                                       |                  |          |             |                  |
| (10) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM               |                                                                        |  |                                                            |                                             |                                                                |                                       |                                                            |                                             | ZP-a/ZJ2                                                       | 0900967                               | 100              |          |             |                  |
| Terminal dimensions                                                                                                  |                                                                        |                                                                                     |                                                            |                                             |                                                                |                                       |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                   |                                                                                     | 5.2/48.7/35.3/2.2                                          |                                             |                                                                | 5.5/72.2/45.8/2.2                     |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]                                                                   |                                                                                     | 36.5/44                                                    |                                             |                                                                | 47.3/54.8                             |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Connection (directly pluggable)                                                                                      |                                                                        |                                                                                     |                                                            |                                             |                                                                |                                       |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.34-4                                                     |                                             |                                                                | 0.14-4                                |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.34-2.5                                                   |                                             |                                                                | 0.32-2.5                              |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Stripping length                                                                                                     | [mm]                                                                   |                                                                                     | 10                                                         |                                             |                                                                | 10                                    |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Insulation material                                                                                                  |                                                                        |                                                                                     | PA                                                         |                                             |                                                                | PA                                    |                                                            |                                             |                                                                |                                       |                  |          |             |                  |
| Grading as per UL 94                                                                                                 |                                                                        |                                                                                     | V0                                                         |                                             |                                                                | V0                                    |                                                            |                                             |                                                                |                                       |                  |          |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Pluggable Din-Rail Ground Terminal block



### JWD2-4NZ/1P-PE

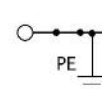
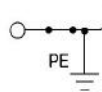
### JWD2-6NZ/1P-PE

Terminal thickness: 6.2

Terminal thickness: 8.2

|  |  |  | (IEC)              |  |  |                          |  |  | (IEC)              |  |  |
|--|--|--|--------------------|--|--|--------------------------|--|--|--------------------|--|--|
|  |  |  | Rigid solid        |  |  | Flexible multi-conductor |  |  | Rigid solid        |  |  |
|  |  |  | (mm <sup>2</sup> ) |  |  | (mm <sup>2</sup> )       |  |  | (mm <sup>2</sup> ) |  |  |
|  |  |  | IEC60947-7-2       |  |  | IEC60947-7-2             |  |  | IEC60947-7-2       |  |  |
|  |  |  | 0.2-6              |  |  | 0.2-4                    |  |  | 0.5-10             |  |  |
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Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Din-Rail Terminal block



**JWD2-1.5NZ/3L**



**JWD2-1.5NZ/3L SJ**



**WD2-1.5NZ/3L PE/L/N**

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

IEC60947-7-1

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

IEC60947-7-1

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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|                                                                                                       |                                                                        |                                                                                     | 0.14-1.5                                                               |                                                   |                                                                | 0.14-1.5                                |                                                                        |                                                   | 0.14-1.5                                                       |                                       |                                                                        | 0.14-1.5                                          |                                                                |                                       |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|---------------------------------------|
| Description                                                                                           | Color                                                                  | Schematic diagram                                                                   | Type                                                                   | Part Number                                       | Package quantity                                               | Type                                    | Part Number                                                            | Package quantity                                  | Type                                                           | Part Number                           | Package quantity                                                       | Type                                              | Part Number                                                    | Package quantity                      |
| In-line spring terminal mounted on                                                                    | Grey<br>Blue                                                           |    | JWD2-1.5NZ/3L<br>JWD2-1.5NZ/3L BU                                      | 9311214<br>9311215                                | 80<br>80                                                       | JWD2-1.5NZ/3L SJ<br>JWD2-1.5NZ/3L SJ BU | 9311217<br>9311218                                                     | 80<br>80                                          | JWD2-1.5NZ/3L PE/L/N                                           | 9311219                               | 80                                                                     | JWD2-1.5NZ/3L PE/L/N                              | 9311219                                                        | 80                                    |
| (1) End plate                                                                                         | Grey                                                                   |    | G-D2-1.5NZ/3L                                                          | 9311216                                           | 50                                                             | G-D2-1.5NZ/3L                           | 9311216                                                                | 50                                                | G-D2-1.5NZ/3L                                                  | 9311216                               | 50                                                                     | G-D2-1.5NZ/3L                                     | 9311216                                                        | 50                                    |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                           | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |    | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5 | Imax:17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50   | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5 | Imax:17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50 | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5 | Imax:17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50 |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                            |                                                                        |    |                                                                        |                                                   |                                                                |                                         |                                                                        |                                                   |                                                                |                                       |                                                                        |                                                   |                                                                |                                       |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm         |                                                                        |   |                                                                        |                                                   |                                                                |                                         |                                                                        |                                                   |                                                                |                                       |                                                                        |                                                   |                                                                |                                       |
| (5) Screwdriver                                                                                       |                                                                        |  | SZF 1-0.4X2.5                                                          | 0204517                                           | 10                                                             | SZF 1-0.4X2.5                           | 0204517                                                                | 10                                                | SZF 1-0.4X2.5                                                  | 0204517                               | 10                                                                     | SZF 1-0.4X2.5                                     | 0204517                                                        | 10                                    |
| (6) Quick tag, with 10 digits for identification in the terminal center                               | White                                                                  |                                                                                     |                                                                        |                                                   |                                                                |                                         |                                                                        |                                                   |                                                                |                                       |                                                                        |                                                   |                                                                |                                       |
| (7) Quick designation strip, with 100 digits for lateral identification                               | White                                                                  |                                                                                     | ZBFM3.5                                                                | 9311103                                           | 1000                                                           | ZBFM3.5                                 | 9311103                                                                | 1000                                              | ZBFM3.5                                                        | 9311103                               | 1000                                                                   | ZBFM3.5                                           | 9311103                                                        | 1000                                  |
| (8) Test plug                                                                                         | Grey                                                                   |  | PS-3.5                                                                 | 9311172                                           | 10                                                             | PS-3.5                                  | 9311172                                                                | 10                                                | PS-3.5                                                         | 9311172                               | 10                                                                     | PS-3.5                                            | 9311172                                                        | 10                                    |
| (9) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM |                                                                        |  | ZP-3.5/ZJ3                                                             | 93140039                                          | 100                                                            | ZP-3.5/ZJ3                              | 93140039                                                               | 100                                               | ZP-3.5/ZJ3                                                     | 93140039                              | 100                                                                    | ZP-3.5/ZJ3                                        | 93140039                                                       | 100                                   |
| <b>Terminal dimensions</b>                                                                            |                                                                        |                                                                                     |                                                                        |                                                   |                                                                |                                         |                                                                        |                                                   |                                                                |                                       |                                                                        |                                                   |                                                                |                                       |
| Thickness / length / height / end plate thickness                                                     | [mm]                                                                   |                                                                                     | 3.5/97.2/51.7/2.2                                                      |                                                   |                                                                | 3.5/97.2/51.7/2.2                       |                                                                        |                                                   | 3.5/97.2/51.7/2.2                                              |                                       |                                                                        | 3.5/97.2/51.7/2.2                                 |                                                                |                                       |
| Height (TH35.7.5/TH35.15)                                                                             | [mm]                                                                   |                                                                                     | 53.2/60.7                                                              |                                                   |                                                                | 53.2/60.7                               |                                                                        |                                                   | 53.2/60.7                                                      |                                       |                                                                        | 53.2/60.7                                         |                                                                |                                       |
| Connection (directly pluggable)                                                                       |                                                                        |                                                                                     |                                                                        |                                                   |                                                                |                                         |                                                                        |                                                   |                                                                |                                       |                                                                        |                                                   |                                                                |                                       |
| Rigid                                                                                                 | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                               |                                                   |                                                                | 0.14-1.5                                |                                                                        |                                                   | 0.14-1.5                                                       |                                       |                                                                        | 0.14-1.5                                          |                                                                |                                       |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                            | [mm <sup>2</sup> ]                                                     |                                                                                     | 0.14-1.5                                                               |                                                   |                                                                | 0.14-1.5                                |                                                                        |                                                   | 0.14-1.5                                                       |                                       |                                                                        | 0.14-1.5                                          |                                                                |                                       |
| Stripping length                                                                                      | [mm]                                                                   |                                                                                     | 8-10                                                                   |                                                   |                                                                | 8-10                                    |                                                                        |                                                   | 8-10                                                           |                                       |                                                                        | 8-10                                              |                                                                |                                       |
| Insulation material                                                                                   |                                                                        |                                                                                     | PA                                                                     |                                                   |                                                                | PA                                      |                                                                        |                                                   | PA                                                             |                                       |                                                                        | PA                                                |                                                                |                                       |
| Grading as per UL 94                                                                                  |                                                                        |                                                                                     | V0                                                                     |                                                   |                                                                | V0                                      |                                                                        |                                                   | V0                                                             |                                       |                                                                        | V0                                                |                                                                |                                       |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Din-Rail Terminal block



### JWD2-1.5NZ/3L PE/L/L

### JWD2-1.5NZ/3L PE

Terminal thickness: 3.5

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  | (IEC)              | Rigid solid        | Flexible multi-conductor |
|--------------------|--------------------|--------------------------|-----|-----|--------------------|--------------------|--------------------------|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) | (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       |
| IEC60947-7-1       | 0.14-1.5           | 0.14-1.5                 | 15  | 500 | IEC60947-7-2       | 0.14-1.5           | 0.14-1.5                 |

| Description                                                                                                          | Color              | Schematic diagram                                                                   | Type                 | Part Number | Package quantity | Type              | Part Number | Package quantity |         |     |
|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|----------------------|-------------|------------------|-------------------|-------------|------------------|---------|-----|
| In-line spring terminal mounted on  | Grey<br>Blue       |                                                                                     | JWD2-1.5NZ/3L PE/L/L | 9311220     | 80               | JWD2-1.5NZ/3L PE  | 9311222     | 80               |         |     |
| (1) End plate                                                                                                        | Grey               |    | G-D2-1.5NZ/3L        | 9311216     | 50               | G-D2-1.5NZ/3L     | 9311216     | 50               |         |     |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits           |    | FBS2-3.5             | Imax: 17.5  | 9311096          | 200               | FBS2-3.5    | Imax: 17.5       | 9311096 | 200 |
|                                                                                                                      | 3 digits           |                                                                                     | FBS3-3.5             | 17.5        | 9311097          | 200               | FBS3-3.5    | 17.5             | 9311097 | 200 |
|                                                                                                                      | 4 digits           |                                                                                     | FBS4-3.5             | 17.5        | 9311098          | 200               | FBS4-3.5    | 17.5             | 9311098 | 200 |
|                                                                                                                      | 5 digits           |                                                                                     | FBS5-3.5             | 17.5        | 9311099          | 100               | FBS5-3.5    | 17.5             | 9311099 | 100 |
|                                                                                                                      | 10 digits          |                                                                                     | FBS10-3.5            | 17.5        | 9311100          | 100               | FBS10-3.5   | 17.5             | 9311100 | 100 |
|                                                                                                                      | 20 digits          |                                                                                     | FBS20-3.5            | 17.5        | 9311101          | 50                | FBS20-3.5   | 17.5             | 9311101 | 50  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                    |    |                      |             |                  |                   |             |                  |         |     |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                    |  |                      |             |                  |                   |             |                  |         |     |
| (5) Screwdriver                                                                                                      |                    |  | SZF 1-0.4X2.5        | 0204517     | 10               | SZF 1-0.4X2.5     | 0204517     | 10               |         |     |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White              |                                                                                     |                      |             |                  |                   |             |                  |         |     |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White              |                                                                                     | ZBFM3.5              | 9311103     | 1000             | ZBFM3.5           | 9311103     | 1000             |         |     |
| (8) Test plug                                                                                                        | Grey               |  | PS-3.5               | 9311172     | 10               | PS-3.5            | 9311172     | 10               |         |     |
| (9) Double-tagging bracket inserted in the double-layer in-line terminal, identified with ZP and ZBFM                |                    |  | ZP-3.5/ZJ3           | 93140039    | 100              | ZP-3.5/ZJ3        | 93140039    | 100              |         |     |
| Terminal dimensions                                                                                                  |                    |                                                                                     |                      |             |                  |                   |             |                  |         |     |
| Thickness / length / height / end plate thickness                                                                    | [mm]               |                                                                                     | 3.5/97.2/51.7/2.2    |             |                  | 3.5/97.2/51.7/2.2 |             |                  |         |     |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]               |                                                                                     | 53.2/60.7            |             |                  | 53.2/60.7         |             |                  |         |     |
| Connection (directly pluggable)                                                                                      |                    |                                                                                     |                      |             |                  |                   |             |                  |         |     |
| Rigid                                                                                                                | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5             |             |                  | 0.14-1.5          |             |                  |         |     |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ] |                                                                                     | 0.14-1.5             |             |                  | 0.14-1.5          |             |                  |         |     |
| Stripping length                                                                                                     | [mm]               |                                                                                     | 8-10                 |             |                  | 8-10              |             |                  |         |     |
| Insulation material                                                                                                  |                    |                                                                                     | PA                   |             |                  | PA                |             |                  |         |     |
| Grading as per UL 94                                                                                                 |                    |                                                                                     | V0                   |             |                  | V0                |             |                  |         |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Din-Rail Terminal block



JWD2-2.5Z/3L

JWD2-2.5Z/3LSJ

JWD2-2.5Z/3LPE

Terminal thickness: 5.2

| (IEC)              | Rigid solid | Flexible multi-conductor | I   | UI  |
|--------------------|-------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) |             | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4      | 0.14-2.5                 | 20  | 500 |

Terminal thickness: 5.2

| (IEC)              | Rigid solid | Flexible multi-conductor | I   | UI  |
|--------------------|-------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) |             | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4      | 0.14-2.5                 | 20* | 500 |

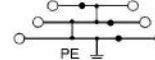
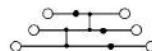
Terminal thickness: 5.2

| (IEC)              | Rigid solid | Flexible multi-conductor | I   | UI  |
|--------------------|-------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) |             | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-2       | 0.14-4      | 0.14-2.5                 |     |     |

\* The total current of all the connected conductors should not exceed the maximum load current.

| Description                                                                 | Color                          | Schematic diagram                                                                   | Type          | Part Number | Package quantity | Type           | Part Number | Package quantity | Type           | Part Number | Package quantity |          |         |     |
|-----------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|---------------|-------------|------------------|----------------|-------------|------------------|----------------|-------------|------------------|----------|---------|-----|
| In-line spring terminal mounted on                                          | Grey<br>Blue<br>Yellow + green |    | JWD2-2.5Z/3L  | 2715971     | 36               | JWD2-2.5Z/3LSJ | 2715861     | 36               | JWD2-2.5Z/3LPE | 2715973     | 36               |          |         |     |
| (1) End plate                                                               | Grey                           |    | G-D2-2.5Z/3L  | 910333      | 50               | G-D2-2.5Z/3L   | 910333      | 50               | G-D2-2.5Z/3L   | 910333      | 50               |          |         |     |
| (2) Three-tagging bracket                                                   |                                |    | JWD2-ZP/ZJ3   | 279530      | 50               | JWD2-ZP/ZJ3    | 279530      | 50               | JWD2-ZP/ZJ3    | 279530      | 50               |          |         |     |
| (3) Plug-in bridgware used for horizontal connection in the terminal center | 2 digits                       |    | FBS 2-5       | Imax:24A    | 5130161          | 200            | FBS 2-5     | Imax:24A         | 5130161        | 200         | FBS 2-5          | Imax:24A | 5130161 | 200 |
|                                                                             | 3 digits                       |                                                                                     | FBS 3-5       | 24A         | 5130174          | 200            | FBS 3-5     | 24A              | 5130174        | 200         | FBS 3-5          | 24A      | 5130174 | 200 |
|                                                                             | 4 digits                       |                                                                                     | FBS 4-5       | 24A         | 5130187          | 200            | FBS 4-5     | 24A              | 5130187        | 200         | FBS 4-5          | 24A      | 5130187 | 200 |
|                                                                             | 5 digits                       |                                                                                     | FBS 5-5       | 24A         | 5130190          | 100            | FBS 5-5     | 24A              | 5130190        | 100         | FBS 5-5          | 24A      | 5130190 | 100 |
|                                                                             | 10 digits                      |                                                                                     | FBS 10-5      | 24A         | 5130213          | 100            | FBS 10-5    | 24A              | 5130213        | 100         | FBS 10-5         | 24A      | 5130213 | 100 |
|                                                                             | 20 digits                      |                                                                                     | FBS 20-5      | 24A         | 5130226          | 50             | FBS 20-5    | 24A              | 5130226        | 50          | FBS 20-5         | 24A      | 5130226 | 50  |
| (4) Screwdriver for in-line terminal operation                              |                                |  | SZF 1-0.6X3.5 | 0204517     | 10               | SZF 1-0.6X3.5  | 0204517     | 10               | SZF 1-0.6X3.5  | 0204517     | 10               |          |         |     |
| (5) Flat quick tag, with 100 digits, mounted in the outer marking slot      |                                |                                                                                     | ZBFM5         | 0 903 595   | 1000             | ZBFM5          | 0 903 595   | 1000             | ZBFM5          | 0 903 595   | 1000             |          |         |     |
| (6) Test plug                                                               | Grey                           |  | PS-5          | 9311173     | 10               | PS-5           | 9311173     | 10               | PS-5           | 9311173     | 10               |          |         |     |
| Dimensions                                                                  |                                |                                                                                     |               |             |                  |                |             |                  |                |             |                  |          |         |     |
| Thickness / length / height / end plate thickness                           |                                | [mm]                                                                                | 5.2/102/2     |             |                  | 5.2/102/2      |             |                  | 5.2/102/2      |             |                  |          |         |     |
| Height (TH35.7.5/TH35.15)                                                   |                                | [mm]                                                                                | 58/65.5       |             |                  | 58/65.5        |             |                  | 58/65.5        |             |                  |          |         |     |
| Technical data in accordance with IEC/DIN VDE standards                     |                                |                                                                                     |               |             |                  |                |             |                  |                |             |                  |          |         |     |
| Maximum rated working current / cross-sectional area                        |                                | [A] / [mm²]                                                                         | 20/4          |             |                  | 20/4           |             |                  | -/4            |             |                  |          |         |     |
| Rated impulse withstand voltage / degree of pollution                       |                                | [kV]/-                                                                              | 4/3           |             |                  | 4/3            |             |                  | 4/3            |             |                  |          |         |     |
| Over-voltage category / insulation material group                           |                                | -/-                                                                                 | III/I         |             |                  | III/I          |             |                  | III/I          |             |                  |          |         |     |
| Connection (directly pluggable)                                             |                                |                                                                                     |               |             |                  |                |             |                  |                |             |                  |          |         |     |
| Rigid                                                                       |                                | [mm²]                                                                               | 0.14-4        |             |                  | 0.14-4         |             |                  | 0.14-4         |             |                  |          |         |     |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal  |                                | [mm²]                                                                               | 0.34-2.5      |             |                  | 0.34-2.5       |             |                  | 0.34-2.5       |             |                  |          |         |     |
| Stripping length                                                            |                                | [mm]                                                                                | 10            |             |                  | 10             |             |                  | 10             |             |                  |          |         |     |
| Plug gauge (IEC60947-1)                                                     |                                |                                                                                     | PA            |             |                  | PA             |             |                  | PA             |             |                  |          |         |     |
| Insulation material                                                         |                                |                                                                                     | PA            |             |                  | PA             |             |                  | PA             |             |                  |          |         |     |
| Grading as per UL 94                                                        |                                |                                                                                     | V0            |             |                  | V0             |             |                  | V0             |             |                  |          |         |     |
| Certification data (UL and CSA/CUL)                                         |                                |                                                                                     |               |             |                  |                |             |                  |                |             |                  |          |         |     |
| Rated working voltage / rated working current / wire gauge                  |                                | UL: [V]/[A]/AWG<br>CSA/CUL:<br>[V]/[A]/AWG                                          | 300/20/26-12  |             |                  | 300/20/26-1 2  |             |                  | -/26-12        |             |                  |          |         |     |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Din-Rail Terminal block

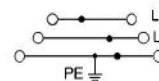
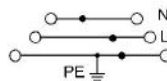


### JWD2-2.5Z/3LPE/L/N

### JWD2-2.5Z/3LPE/L/L

| Terminal thickness: 5.2                                                                                              |                                |                                                                                     |                             |                                   |                                                   | Terminal thickness: 5.2 |           |                     |              |             |                             |                                   |                                                   |          |           |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|---------------------------------------------------|-------------------------|-----------|---------------------|--------------|-------------|-----------------------------|-----------------------------------|---------------------------------------------------|----------|-----------|
|                                                                                                                      |                                |                                                                                     | (IEC)<br>(mm <sup>2</sup> ) | Rigid solid<br>(mm <sup>2</sup> ) | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A)                | Ui<br>(V) |                     |              |             | (IEC)<br>(mm <sup>2</sup> ) | Rigid solid<br>(mm <sup>2</sup> ) | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(V) |
|                                                                                                                      |                                |                                                                                     | IEC60947-7-1                | 0.14-4                            | 0.14-2.5                                          | 20                      | 500       |                     |              |             | IEC60947-7-1                | 0.14-4                            | 0.14-2.5                                          | 20       | 500       |
| Description                                                                                                          | Color                          | Schematic diagram                                                                   | Type                        |                                   | Part Number                                       | Package quantity        |           | Type                |              | Part Number | Package quantity            |                                   |                                                   |          |           |
| In-line spring terminal mounted on  | Grey<br>Blue<br>Yellow + green |                                                                                     | JWD2-2. 5Z/3LPE/L/N         |                                   | 2715975                                           | 36                      |           | JWD2-2. 5Z/3LPE/L/L |              | 2715977     | 36                          |                                   |                                                   |          |           |
| (1) End plate                                                                                                        | Grey                           |    | G-D2-2. 5Z/3L               |                                   | 910333                                            | 50                      |           | G-D2-2. 5Z/3L       |              | 910333      | 50                          |                                   |                                                   |          |           |
| (2) Three-tagging bracket                                                                                            |                                |    | JWD2-ZP/ZJ3                 |                                   | 279530                                            | 50                      |           | JWD2-ZP/ZJ3         |              | 279530      | 50                          |                                   |                                                   |          |           |
| (3) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits                       |    | FBS 2-5                     | Imax:24A                          | 5130161                                           | 200                     |           | FBS 2-5             | Imax:24A     | 5130161     | 200                         |                                   |                                                   |          |           |
|                                                                                                                      | 3 digits                       |                                                                                     | FBS 3-5                     | 24A                               | 5130174                                           | 200                     |           | FBS 3-5             | 24A          | 5130174     | 200                         |                                   |                                                   |          |           |
|                                                                                                                      | 4 digits                       |                                                                                     | FBS 4-5                     | 24A                               | 5130187                                           | 200                     |           | FBS 4-5             | 24A          | 5130187     | 200                         |                                   |                                                   |          |           |
|                                                                                                                      | 5 digits                       |                                                                                     | FBS 5-5                     | 24A                               | 5130190                                           | 100                     |           | FBS 5-5             | 24A          | 5130190     | 100                         |                                   |                                                   |          |           |
|                                                                                                                      | 10 digits                      |                                                                                     | FBS 10-5                    | 24A                               | 5130213                                           | 100                     |           | FBS 10-5            | 24A          | 5130213     | 100                         |                                   |                                                   |          |           |
|                                                                                                                      | 20 digits                      |                                                                                     | FBS 20-5                    | 24A                               | 5130226                                           | 50                      |           | FBS 20-5            | 24A          | 5130226     | 50                          |                                   |                                                   |          |           |
| (4) Screwdriver for in-line terminal operation                                                                       |                                |    | SZF 1-0.6X3.5               |                                   | 0204517                                           | 10                      |           | SZF 1-0.6X3.5       |              | 0204517     | 10                          |                                   |                                                   |          |           |
| (5) Flat quick tag, with 100 digits, mounted in the outer marking slot                                               |                                |                                                                                     | ZBFM5                       |                                   | 0 903 595                                         | 1000                    |           | ZBFM5               |              | 0 903 595   | 1000                        |                                   |                                                   |          |           |
| (6) Test plug                                                                                                        | Grey                           |  | PS-5                        |                                   | 9311173                                           | 10                      |           | PS-5                |              | 9311173     | 10                          |                                   |                                                   |          |           |
| Dimensions                                                                                                           |                                |                                                                                     |                             |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |
| Thickness / length / height / end plate thickness                                                                    |                                |                                                                                     | [mm]                        |                                   |                                                   | 5.2/102/2               |           |                     | 5.2/102/2    |             |                             |                                   |                                                   |          |           |
| Height (TH35.7.5/TH35.15)                                                                                            |                                |                                                                                     | [mm]                        |                                   |                                                   | 58/65.5                 |           |                     | 58/65.5      |             |                             |                                   |                                                   |          |           |
| Technical data in accordance with IEC/DIN VDE standards                                                              |                                |                                                                                     |                             |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |
| Maximum rated working current / cross-sectional area                                                                 |                                |                                                                                     | [A] / [mm <sup>2</sup> ]    |                                   |                                                   | 20/4                    |           |                     | 20/4         |             |                             |                                   |                                                   |          |           |
| Rated impulse withstand voltage / degree of pollution                                                                |                                |                                                                                     | [kV]-                       |                                   |                                                   | 4/3                     |           |                     | 4/3          |             |                             |                                   |                                                   |          |           |
| Over-voltage category / insulation material group                                                                    |                                |                                                                                     | -/-                         |                                   |                                                   | III/II                  |           |                     | III/II       |             |                             |                                   |                                                   |          |           |
| Connection (directly pluggable)                                                                                      |                                |                                                                                     |                             |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |
| Rigid                                                                                                                |                                |                                                                                     | [mm <sup>2</sup> ]          |                                   |                                                   | 0.14-4                  |           |                     | 0.14-4       |             |                             |                                   |                                                   |          |           |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           |                                |                                                                                     | [mm <sup>2</sup> ]          |                                   |                                                   | 0.34-2.5                |           |                     | 0.34-2.5     |             |                             |                                   |                                                   |          |           |
| Stripping length                                                                                                     |                                |                                                                                     | [mm]                        |                                   |                                                   | 10                      |           |                     | 10           |             |                             |                                   |                                                   |          |           |
| Plug gauge (IEC60947-1)                                                                                              |                                |                                                                                     |                             |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |
| Insulation material                                                                                                  |                                |                                                                                     | PA                          |                                   |                                                   | PA                      |           |                     | PA           |             |                             |                                   |                                                   |          |           |
| Grading as per UL 94                                                                                                 |                                |                                                                                     | V0                          |                                   |                                                   | V0                      |           |                     | V0           |             |                             |                                   |                                                   |          |           |
| Certification data (UL and CSA/CUL)                                                                                  |                                |                                                                                     |                             |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |
| Rated working voltage / rated working current / wire gauge                                                           |                                |                                                                                     | UL: [V]/[A]/AWG             |                                   |                                                   | 300/20/26-12            |           |                     | 300/20/26-12 |             |                             |                                   |                                                   |          |           |
|                                                                                                                      |                                |                                                                                     | CSA/CUL: [V]/[A]/AWG        |                                   |                                                   |                         |           |                     |              |             |                             |                                   |                                                   |          |           |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Sensor Din-Rail Terminal block



**JWD2-1.5NZ/3CG**

**JWD2-1.5NZ/3CG-LED**

**JWD2-1.5NZ/3CG-PE**

Terminal thickness: 3.5

Terminal thickness: 3.5

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

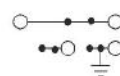
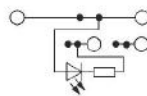
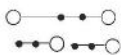
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|                                                                                               |              |                                                                                     | 0.14-1.5                            |                    |                  | 0.14-1.5           |             |                  | 0.14-1.5          |             |                  | 0.14-1.5          |             |                  | 13.5              |             |                  | 500 |  |  |
|-----------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------|--------------------|------------------|--------------------|-------------|------------------|-------------------|-------------|------------------|-------------------|-------------|------------------|-------------------|-------------|------------------|-----|--|--|
| Description                                                                                   | Color        | Schematic diagram                                                                   | Type                                | Part Number        | Package quantity | Type               | Part Number | Package quantity | Type              | Part Number | Package quantity | Type              | Part Number | Package quantity | Type              | Part Number | Package quantity |     |  |  |
| In-line spring terminal mounted on                                                            | Grey<br>Blue |    | JWD2-1.5NZ/3CG<br>JWD2-1.5NZ/3CG BU | 9311120<br>9311121 | 80<br>80         | JWD2-1.5NZ/3CG-LED | 9311122     | 80               | JWD2-1.5NZ/3CG-PE | 9311126     | 80               | JWD2-1.5NZ/3CG-PE | 9311126     | 80               | JWD2-1.5NZ/3CG-PE | 9311126     | 80               |     |  |  |
| (1) End plate                                                                                 | Grey         |    | G-D2-1.5NZ/3CG                      | 9311176            | 50               | G-D2-1.5NZ/3CG     | 9311176     | 50               | G-D2-1.5NZ/3CG    | 9311176     | 50               | G-D2-1.5NZ/3CG    | 9311176     | 50               | G-D2-1.5NZ/3CG    | 9311176     | 50               |     |  |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                   | 2 digits     |    | FBS2-3.5                            | I max: 17.5        | 9311096          | 200                | FBS2-3.5    | I max: 17.5      | 9311096           | 200         | FBS2-3.5         | I max: 17.5       | 9311096     | 200              | FBS2-3.5          | I max: 17.5 | 9311096          | 200 |  |  |
|                                                                                               | 3 digits     |                                                                                     | FBS3-3.5                            | 17.5               | 9311097          | 200                | FBS3-3.5    | 17.5             | 9311097           | 200         | FBS3-3.5         | 17.5              | 9311097     | 200              | FBS3-3.5          | 17.5        | 9311097          | 200 |  |  |
|                                                                                               | 4 digits     |                                                                                     | FBS4-3.5                            | 17.5               | 9311098          | 200                | FBS4-3.5    | 17.5             | 9311098           | 200         | FBS4-3.5         | 17.5              | 9311098     | 200              | FBS4-3.5          | 17.5        | 9311098          | 200 |  |  |
|                                                                                               | 5 digits     |                                                                                     | FBS5-3.5                            | 17.5               | 9311099          | 100                | FBS5-3.5    | 17.5             | 9311099           | 100         | FBS5-3.5         | 17.5              | 9311099     | 100              | FBS5-3.5          | 17.5        | 9311099          | 100 |  |  |
|                                                                                               | 10 digits    |                                                                                     | FBS10-3.5                           | 17.5               | 9311100          | 100                | FBS10-3.5   | 17.5             | 9311100           | 100         | FBS10-3.5        | 17.5              | 9311100     | 100              | FBS10-3.5         | 17.5        | 9311100          | 100 |  |  |
|                                                                                               | 20 digits    |                                                                                     | FBS20-3.5                           | 17.5               | 9311101          | 50                 | FBS20-3.5   | 17.5             | 9311101           | 50          | FBS20-3.5        | 17.5              | 9311101     | 50               | FBS20-3.5         | 17.5        | 9311101          | 50  |  |  |
| ... digits                                                                                    | FBS...-3.5   | 17.5                                                                                | 50                                  | FBS...-3.5         | 17.5             | 50                 | FBS...-3.5  | 17.5             | 50                | FBS...-3.5  | 17.5             | 50                | FBS...-3.5  | 17.5             | 50                | FBS...-3.5  | 17.5             | 50  |  |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                    |              |   |                                     |                    |                  |                    |             |                  |                   |             |                  |                   |             |                  |                   |             |                  |     |  |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm |              |  |                                     |                    |                  |                    |             |                  |                   |             |                  |                   |             |                  |                   |             |                  |     |  |  |
| (5) Screwdriver                                                                               |              |  | SZF 1-0.4X2.5                       | 0204517            | 10               | SZF 1-0.4X2.5      | 0204517     | 10               | SZF 1-0.4X2.5     | 0204517     | 10               | SZF 1-0.4X2.5     | 0204517     | 10               | SZF 1-0.4X2.5     | 0204517     | 10               |     |  |  |
| (6) Quick tag, with 10 digits for identification in the terminal center                       | White        |                                                                                     |                                     |                    |                  |                    |             |                  |                   |             |                  |                   |             |                  |                   |             |                  |     |  |  |
| (7) Quick designation strip, with 100 digits for lateral identification                       | White        |                                                                                     | ZBFM3.5                             | 9311103            | 1000             | ZBFM3.5            | 9311103     | 1000             | ZBFM3.5           | 9311103     | 1000             | ZBFM3.5           | 9311103     | 1000             | ZBFM3.5           | 9311103     | 1000             |     |  |  |
| (8) Test plug                                                                                 | Grey         |  | PS-3.5                              | 9311172            | 10               | PS-3.5             | 9311172     | 10               | PS-3.5            | 9311172     | 10               | PS-3.5            | 9311172     | 10               | PS-3.5            | 9311172     | 10               |     |  |  |
| Terminal dimensions                                                                           |              |                                                                                     |                                     |                    |                  |                    |             |                  |                   |             |                  |                   |             |                  |                   |             |                  |     |  |  |
| Thickness / length / height / end plate thickness                                             |              | [mm]                                                                                | 3.5/74/2.2                          |                    |                  | 3.5/74/2.2         |             |                  | 3.5/74/2.2        |             |                  | 3.5/74/2.2        |             |                  | 3.5/74/2.2        |             |                  |     |  |  |
| The guide rail is TH35.7.5.                                                                   |              | [mm]                                                                                | 41.5                                |                    |                  | 41.5               |             |                  | 41.5              |             |                  | 41.5              |             |                  | 41.5              |             |                  |     |  |  |
| Connection (directly pluggable)                                                               |              |                                                                                     |                                     |                    |                  |                    |             |                  |                   |             |                  |                   |             |                  |                   |             |                  |     |  |  |
| Rigid                                                                                         |              | [mm <sup>2</sup> ]                                                                  | 0.14-1.5                            |                    |                  | 0.14-1.5           |             |                  | 0.14-1.5          |             |                  | 0.14-1.5          |             |                  | 0.14-1.5          |             |                  |     |  |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                    |              | [mm <sup>2</sup> ]                                                                  | 0.14-1                              |                    |                  | 0.14-1             |             |                  | 0.14-1            |             |                  | 0.14-1            |             |                  | 0.14-1            |             |                  |     |  |  |
| Stripping length                                                                              |              | [mm]                                                                                | 8-10                                |                    |                  | 8-10               |             |                  | 8-10              |             |                  | 8-10              |             |                  | 8-10              |             |                  |     |  |  |
| Insulation material                                                                           |              |                                                                                     | PA                                  |                    |                  | PA                 |             |                  | PA                |             |                  | PA                |             |                  | PA                |             |                  |     |  |  |
| Grading as per UL 94                                                                          |              |                                                                                     | V0                                  |                    |                  | V0                 |             |                  | V0                |             |                  | V0                |             |                  | V0                |             |                  |     |  |  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.





## Push-in Multi layer Sensor Din-Rail Terminal block



### JWD2-1.5NZ/4CG

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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0.14-1.5 0.14-1.5 13.5 500

### JWD2-1.5NZ/4CG-LED

Terminal thickness: 3.5

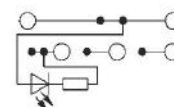
| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

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0.14-1.5 0.14-1.5 13.5 500

| Description                                                                                                          | Color                                                                                | Schematic diagram                                                                   | Type                                                                                 | Part Number                                               | Package quantity                                                          | Type                                        | Part Number                                               | Package quantity                                                          |                                             |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------|
| In-line spring terminal mounted on  | Grey<br>Blue                                                                         |                                                                                     | JWD2-1.5NZ/4CG<br>JWD2-1.5NZ/4CG BU                                                  | 9311123<br>9311124                                        | 80<br>80                                                                  | JWD2-1.5NZ/4CG-LED                          | 9311125                                                   | 80                                                                        |                                             |
| (1) End plate                                                                                                        | Grey                                                                                 |    | G-D2-1.5NZ/4CG                                                                       | 9311177                                                   | 50                                                                        | G-D2-1.5NZ/4CG                              | 9311177                                                   | 50                                                                        |                                             |
| (2) Plug-in bridgeware used for horizontal connection in the terminal center                                         | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits<br>... digits |    | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5<br>FBS...-3.5 | Imax:17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50<br>50 | Imax:17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50<br>50 |
| (3) Conversion bridgeware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                          |                                                                                      |   |                                                                                      |                                                           |                                                                           |                                             |                                                           |                                                                           |                                             |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                                      |  |                                                                                      |                                                           |                                                                           |                                             |                                                           |                                                                           |                                             |
| (5) Screwdriver                                                                                                      |                                                                                      |  | SZF 1-0.4X2.5                                                                        | 0204517                                                   | 10                                                                        | SZF 1-0.4X2.5                               | 0204517                                                   | 10                                                                        |                                             |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                                |                                                                                     |                                                                                      |                                                           |                                                                           |                                             |                                                           |                                                                           |                                             |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                                |                                                                                     | ZBFM3.5                                                                              | 9311103                                                   | 1000                                                                      | ZBFM3.5                                     | 9311103                                                   | 1000                                                                      |                                             |
| (8) Test plug                                                                                                        | Grey                                                                                 |  | PS-3.5                                                                               | 9311172                                                   | 10                                                                        | PS-3.5                                      | 9311172                                                   | 10                                                                        |                                             |
| Terminal dimensions                                                                                                  |                                                                                      |                                                                                     |                                                                                      |                                                           |                                                                           |                                             |                                                           |                                                                           |                                             |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                                 |                                                                                     | 3.5/74/2.2                                                                           |                                                           |                                                                           | 3.5/74/2.2                                  |                                                           |                                                                           |                                             |
| The guide rail is TH35:7.5.                                                                                          | [mm]                                                                                 |                                                                                     | 41.5                                                                                 |                                                           |                                                                           | 41.5                                        |                                                           |                                                                           |                                             |
| Connection (directly pluggable)                                                                                      |                                                                                      |                                                                                     |                                                                                      |                                                           |                                                                           |                                             |                                                           |                                                                           |                                             |
| Rigid                                                                                                                | [mm²]                                                                                |                                                                                     | 0.14-1.5                                                                             |                                                           |                                                                           | 0.14-1.5                                    |                                                           |                                                                           |                                             |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm²]                                                                                |                                                                                     | 0.14-1                                                                               |                                                           |                                                                           | 0.14-1                                      |                                                           |                                                                           |                                             |
| Stripping length                                                                                                     | [mm]                                                                                 |                                                                                     | 8-10                                                                                 |                                                           |                                                                           | 8-10                                        |                                                           |                                                                           |                                             |
| Insulation material                                                                                                  |                                                                                      |                                                                                     | PA                                                                                   |                                                           |                                                                           | PA                                          |                                                           |                                                                           |                                             |
| Grading as per UL 94                                                                                                 |                                                                                      |                                                                                     | V0                                                                                   |                                                           |                                                                           | V0                                          |                                                           |                                                                           |                                             |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## Push-in Multi layer Sensor Din-Rail Terminal block



### JWD2-1.5NZ/4CG-PE

### JWD2-1.5NZ/4CG-PE-LED

Terminal thickness: 3.5

Terminal thickness: 3.5

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

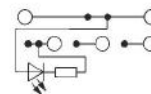
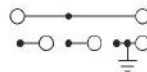
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| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |

|                                                                                                                      |                                                                                      |                                                                                     | 0.14-1.5                                                                             |                                                            |                                                                           | 0.14-1.5                                    |                                                                                      |                                                            | 13.5                                                                      |                                             |                  | 500  |             |                  |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------|------------------|------|-------------|------------------|
| Description                                                                                                          | Color                                                                                | Schematic diagram                                                                   | Type                                                                                 | Part Number                                                | Package quantity                                                          | Type                                        | Part Number                                                                          | Package quantity                                           | Type                                                                      | Part Number                                 | Package quantity | Type | Part Number | Package quantity |
| In-line spring terminal mounted on  | Grey<br>Blue                                                                         |                                                                                     | JWD2-1.5NZ/4CG-PE                                                                    | 9311130                                                    | 80                                                                        | JWD2-1.5NZ/4CG-PE-LED                       | 9311131                                                                              | 80                                                         |                                                                           |                                             |                  |      |             |                  |
| (1) End plate                                                                                                        | Grey                                                                                 |    | G-D2-1.5NZ/4CG                                                                       | 9311177                                                    | 50                                                                        | G-D2-1.5NZ/4CG                              | 9311177                                                                              | 50                                                         |                                                                           |                                             |                  |      |             |                  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits<br>... digits |    | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5<br>FBS...-3.5 | Imax: 17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50<br>50 | FBS2-3.5<br>FBS3-3.5<br>FBS4-3.5<br>FBS5-3.5<br>FBS10-3.5<br>FBS20-3.5<br>FBS...-3.5 | Imax: 17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5<br>17.5 | 9311096<br>9311097<br>9311098<br>9311099<br>9311100<br>9311101<br>9311101 | 200<br>200<br>200<br>100<br>100<br>50<br>50 |                  |      |             |                  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                                                                                      |   |                                                                                      |                                                            |                                                                           |                                             |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                                                                                      |  |                                                                                      |                                                            |                                                                           |                                             |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| (5) Screwdriver                                                                                                      |                                                                                      |  | SZF 1-0.4X2.5                                                                        | 0204517                                                    | 10                                                                        | SZF 1-0.4X2.5                               | 0204517                                                                              | 10                                                         |                                                                           |                                             |                  |      |             |                  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White                                                                                |                                                                                     |                                                                                      |                                                            |                                                                           |                                             |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White                                                                                |                                                                                     | ZBFM3.5                                                                              | 9311103                                                    | 1000                                                                      | ZBFM3.5                                     | 9311103                                                                              | 1000                                                       |                                                                           |                                             |                  |      |             |                  |
| (8) Test plug                                                                                                        | Grey                                                                                 |  | PS-3.5                                                                               | 9311172                                                    | 10                                                                        | PS-3.5                                      | 9311172                                                                              | 10                                                         |                                                                           |                                             |                  |      |             |                  |
| Terminal dimensions                                                                                                  |                                                                                      |                                                                                     |                                                                                      |                                                            |                                                                           |                                             |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Thickness / length / height / end plate thickness                                                                    | [mm]                                                                                 |                                                                                     | 3.5/33.6/2.2                                                                         |                                                            |                                                                           | 3.5/33.6/2.2                                |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| The guide rail is TH35:7.5.                                                                                          | [mm]                                                                                 |                                                                                     | 28.2                                                                                 |                                                            |                                                                           | 28.2                                        |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Connection (directly pluggable)                                                                                      |                                                                                      |                                                                                     |                                                                                      |                                                            |                                                                           |                                             |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Rigid                                                                                                                | [mm <sup>2</sup> ]                                                                   |                                                                                     | 0.14-1.5                                                                             |                                                            |                                                                           | 0.14-1.5                                    |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ]                                                                   |                                                                                     | 0.14-1                                                                               |                                                            |                                                                           | 0.14-1                                      |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Stripping length                                                                                                     | [mm]                                                                                 |                                                                                     | 8-10                                                                                 |                                                            |                                                                           | 8-10                                        |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Insulation material                                                                                                  |                                                                                      |                                                                                     | PA                                                                                   |                                                            |                                                                           | PA                                          |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |
| Grading as per UL 94                                                                                                 |                                                                                      |                                                                                     | V0                                                                                   |                                                            |                                                                           | V0                                          |                                                                                      |                                                            |                                                                           |                                             |                  |      |             |                  |

Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



## In-Line Element Terminal



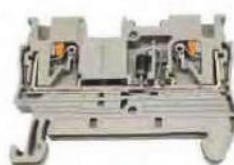
## JWD2-2.5NZ/R

Equipped with 1/4W metal film resistor, with the resistance value to be determined by the customer

\* Current depends on the resistor power.

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24* | 800 |



## JWD2-2.5NZ/DT

Equipped with IN4007 diode

\* Current: 1 A

Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24* | 800 |



## JWD2-2.5NZ/1-2/R

Equipped with 1/4W metal film resistor, with the resistance value to be determined by the customer

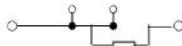
\* Current depends on the resistor power.

Terminal thickness: 5.2

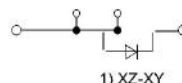
| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | Ui  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       | 0.14-4             | 0.14-2.5                 | 24* | 800 |

|                                                                                                                      |                    |                                                                                     | 0.14-4            |          |             | 0.14-2.5          |                                      |          | 24°                |                  |                  | 800               |             |                  | 0.14-4 |         |             | 0.14-2.5         |  |  | 24° |  |  | 800 |  |  |
|----------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-------------------|----------|-------------|-------------------|--------------------------------------|----------|--------------------|------------------|------------------|-------------------|-------------|------------------|--------|---------|-------------|------------------|--|--|-----|--|--|-----|--|--|
| Description                                                                                                          | Color              | Schematic diagram                                                                   | Type              |          | Part Number | Package quantity  | Type                                 |          | Part Number        | Package quantity | Type             |                   | Part Number | Package quantity | Type   |         | Part Number | Package quantity |  |  |     |  |  |     |  |  |
| In-line spring terminal mounted on  | Grey<br>Blue       |                                                                                     | JWD2-2.5NZ/R      |          | 9712522     | 100               | JWD2-2.5NZ/DT 1)<br>JWD2-2.5NZ/DT 2) |          | 9712523<br>9712524 | 100<br>100       | JWD2-2.5NZ/1-2/R |                   | 9712525     | 100              |        |         | 9712525     | 100              |  |  |     |  |  |     |  |  |
| (1) End plate                                                                                                        | Grey               |    | G-D2-2. 5a        |          | 5130417     | 50                | G-D2-2. 5a                           |          | 5130417            | 50               | G-D2-2.5a/1-2    |                   | 5130488     | 50               |        |         | 5130488     | 50               |  |  |     |  |  |     |  |  |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                          | 2 digits           |                                                                                     | FBS2-5            | Imax:24A | 5130161     | 200               | FBS2-5                               | Imax:24A | 5130161            | 200              | FBS2-5           | Imax:24A          | 5130161     | 200              |        |         | 5130161     | 200              |  |  |     |  |  |     |  |  |
|                                                                                                                      | 3 digits           |                                                                                     | FBS3-5            | 24A      | 5130174     | 200               | FBS3-5                               | 24A      | 5130174            | 200              | FBS3-5           | 24A               | 5130174     | 200              |        |         | 5130174     | 200              |  |  |     |  |  |     |  |  |
|                                                                                                                      | 4 digits           |    | FBS4-5            | 24A      | 5130187     | 200               | FBS4-5                               | 24A      | 5130187            | 200              | FBS4-5           | 24A               | 5130187     | 200              |        |         | 5130187     | 200              |  |  |     |  |  |     |  |  |
|                                                                                                                      | 5 digits           |                                                                                     | FBS5-5            | 24A      | 5130190     | 100               | FBS5-5                               | 24A      | 5130190            | 100              | FBS5-5           | 24A               | 5130190     | 100              |        |         | 5130190     | 100              |  |  |     |  |  |     |  |  |
|                                                                                                                      | 10 digits          |                                                                                     | FBS10-5           | 24A      | 5130213     | 100               | FBS10-5                              | 24A      | 5130213            | 100              | FBS10-5          | 24A               | 5130213     | 100              |        |         | 5130213     | 100              |  |  |     |  |  |     |  |  |
| 20 digits                                                                                                            |                    | FBS20-5                                                                             | 24A               | 5130226  | 50          | FBS20-5           | 24A                                  | 5130226  | 50                 | FBS20-5          | 24A              | 5130226           | 50          |                  |        | 5130226 | 50          |                  |  |  |     |  |  |     |  |  |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                           |                    |  |                   |          |             |                   |                                      |          |                    |                  |                  |                   |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                        |                    |  | GF-D2-4a          |          | 5130721     | 50                | GF-D2-4a                             |          | 5130721            | 50               | GF-D2-a/1-2      |                   | 5130789     | 50               |        |         | 5130789     | 50               |  |  |     |  |  |     |  |  |
| (5) Screwdriver                                                                                                      |                    |  | SZF 1-0.6X3. 5    |          | 0204517     | 10                | SZF 1-0.6X3. 5                       |          | 0204517            | 10               | SZF 1-0.6X3. 5   |                   | 0204517     | 10               |        |         | 0204517     | 10               |  |  |     |  |  |     |  |  |
| (6) Quick tag, with 10 digits for identification in the terminal center                                              | White              |                                                                                     | ZP5               |          | 8 868 102   | 100               | ZP5                                  |          | 8 868 102          | 100              | ZP5              |                   | 8 868 102   | 100              |        |         | 8 868 102   | 100              |  |  |     |  |  |     |  |  |
| (7) Quick designation strip, with 100 digits for lateral identification                                              | White              |                                                                                     | ZBFM5             |          | 0 903 595   | 1000              | ZBFM5                                |          | 0 903 595          | 1000             | ZBFM5            |                   | 0 903 595   | 1000             |        |         | 0 903 595   | 1000             |  |  |     |  |  |     |  |  |
| (8) Test plug                                                                                                        | Grey               |  | PS-5              |          | 9311173     | 10                | PS-5                                 |          | 9311173            | 10               | PS-6             |                   | 9311174     | 10               |        |         | 9311174     | 10               |  |  |     |  |  |     |  |  |
| Terminal dimensions                                                                                                  |                    |                                                                                     |                   |          |             |                   |                                      |          |                    |                  |                  |                   |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Thickness / length / height / end plate thickness                                                                    | [mm]               |                                                                                     | 5.2/48.5/35.3/2.2 |          |             | 5.2/48.5/35.3/2.2 |                                      |          | 5.2/48.5/35.3/2.2  |                  |                  | 5.2/60.5/35.2/2.2 |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Height (TH35.7.5/TH35.15)                                                                                            | [mm]               |                                                                                     | 36.5/44           |          |             | 36.5/44           |                                      |          | 36.5/44            |                  |                  | 36.5/44           |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Connection (directly pluggable)                                                                                      |                    |                                                                                     |                   |          |             |                   |                                      |          |                    |                  |                  |                   |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Rigid                                                                                                                | [mm <sup>2</sup> ] |                                                                                     | 0.14-4            |          |             | 0.14-4            |                                      |          | 0.14-4             |                  |                  | 0.14-4            |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                           | [mm <sup>2</sup> ] |                                                                                     | 0.34-2.5          |          |             | 0.34-2.5          |                                      |          | 0.34-2.5           |                  |                  | 0.34-2.5          |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Stripping length                                                                                                     | [mm]               |                                                                                     | 10                |          |             | 10                |                                      |          | 10                 |                  |                  | 10                |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Insulation material                                                                                                  |                    |                                                                                     | PA                |          |             | PA                |                                      |          | PA                 |                  |                  | PA                |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |
| Grading as per UL 94                                                                                                 |                    |                                                                                     | V0                |          |             | V0                |                                      |          | V0                 |                  |                  | V0                |             |                  |        |         |             |                  |  |  |     |  |  |     |  |  |

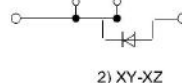
Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



Equipped with a resistor terminal for current division, current limiting, and voltage division



1) XZ-XY



2) XY-XZ



Equipped with a resistor terminal for current division, current limiting, and voltage division

Applications as follow current protection of relay coil and solenoid valve; Also used for reverse polarity protection



## In-Line Element Terminal



**JWD2-2.5NZ/1-2/DT**

Equipped with IN4007 diode

\* Current: 1 A

Terminal thickness: 5.2

| (IEC)<br>(mm <sup>2</sup> ) | Rigid solid<br>(mm <sup>2</sup> ) | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(V) |
|-----------------------------|-----------------------------------|---------------------------------------------------|----------|-----------|
| IEC60947-7-1                | 0.14-4                            | 0.14-2.5                                          | 24*      | 800       |
| Type                        | Part Number                       | Package quantity                                  |          |           |
| JWD2-2.5NZ/1-2/DT 1)        | 9712526                           | 100                                               |          |           |
| JWD2-2.5NZ/1-2/DT 2)        | 9712527                           | 100                                               |          |           |
| G-D2-2.5a/1-2               | 5130488                           | 50                                                |          |           |
| FBS2-5                      | Imax:24A                          | 5130161                                           | 200      |           |
| FBS3-5                      | 24A                               | 5630174                                           | 200      |           |
| FBS4-5                      | 24A                               | 5630187                                           | 200      |           |
| FBS5-5                      | 24A                               | 5630190                                           | 100      |           |
| FBS10-5                     | 24A                               | 5630213                                           | 100      |           |
| FBS20-5                     | 24A                               | 5630226                                           | 50       |           |
| GF-D2-a/1-2                 | 5130789                           | 50                                                |          |           |
| SZF 1-0.6X3.5               | 0204517                           | 10                                                |          |           |
| ZP5                         | 8 868102                          | 100                                               |          |           |
| ZBFM5                       | 0 903 595                         | 1000                                              |          |           |
| PS-5                        | 9311173                           | 10                                                |          |           |

5.2/60.5/35.2/2.2

36.5/44

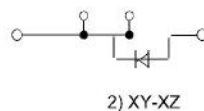
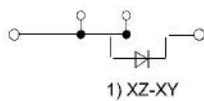
0.14-4

0.34-2.5

10

PA

V0



Applications as follow current protection  
of relay coil and solenoid valve;  
Also used for reverse polarity protection



**JWD2-2.5NZ/2/R**

Equipped with 1/4W metal film resistor, with the resistance value to be determined by the customer

\* Current depends on the resistor power.

Terminal thickness: 5.2

| (IEC)<br>(mm <sup>2</sup> ) | Rigid solid<br>(mm <sup>2</sup> ) | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(V) |
|-----------------------------|-----------------------------------|---------------------------------------------------|----------|-----------|
| IEC60947-7-1                | 0.14-4                            | 0.14-2.5                                          | 22*      | 500       |
| Type                        | Part Number                       | Package quantity                                  |          |           |
| JWD2-2.5NZ/2/R              | 9712528                           | 80                                                |          |           |
| G-D2-2.5NZ/2                | 9311051                           | 50                                                |          |           |
| FBS2-5                      | Imax:24A                          | 5130161                                           | 200      |           |
| FBS3-5                      | 24A                               | 5630174                                           | 200      |           |
| FBS4-5                      | 24A                               | 5630187                                           | 200      |           |
| FBS5-5                      | 24A                               | 5630190                                           | 100      |           |
| FBS10-5                     | 24A                               | 5630213                                           | 100      |           |
| FBS20-5                     | 24A                               | 5630226                                           | 50       |           |
| GF-D2-a/2                   | 5130747                           | 50                                                |          |           |
| SZF 1-0.6X3.5               | 0204517                           | 10                                                |          |           |
| ZBFM5                       | 0 903 595                         | 1000                                              |          |           |
| PS-5                        | 9311173                           | 10                                                |          |           |

5.5/72.2/45.8/2.2

47.3/54.8

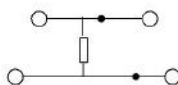
0.14-4

0.32-2.5

10

PA

V0



Equipped with a resistor terminal for current  
division, current limiting, and voltage division



**JWD2-2.5NZ/2/DT**

Equipped with IN4007 diode

\* Current: 1 A

Terminal thickness: 5.2

| (IEC)<br>(mm <sup>2</sup> ) | Rigid solid<br>(mm <sup>2</sup> ) | Flexible<br>multi-conductor<br>(mm <sup>2</sup> ) | I<br>(A) | Ui<br>(V) |
|-----------------------------|-----------------------------------|---------------------------------------------------|----------|-----------|
| IEC60947-7-1                | 0.14-4                            | 0.14-2.5                                          | 22*      | 500       |
| Type                        | Part Number                       | Package quantity                                  |          |           |
| JWD2-2.5NZ/2/DT 1)          | 9712529                           | 80                                                |          |           |
| JWD2-2.5NZ/2/DT 2)          | 9712530                           | 80                                                |          |           |
| G-D2-2.5NZ/2                | 9311051                           | 50                                                |          |           |
| FBS2-5                      | Imax:24A                          | 5130161                                           | 200      |           |
| FBS3-5                      | 24A                               | 5630174                                           | 200      |           |
| FBS4-5                      | 24A                               | 5630187                                           | 200      |           |
| FBS5-5                      | 24A                               | 5630190                                           | 100      |           |
| FBS10-5                     | 24A                               | 5630213                                           | 100      |           |
| FBS20-5                     | 24A                               | 5630226                                           | 50       |           |
| GF-D2-a/2                   | 5130747                           | 50                                                |          |           |
| SZF 1-0.6X3.5               | 0204517                           | 10                                                |          |           |
| ZBFM5                       | 0 903 595                         | 1000                                              |          |           |
| PS-6                        | 9311174                           | 10                                                |          |           |

5.5/72.2/45.8/2.2

47.3/54.8

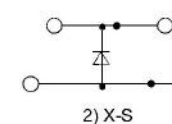
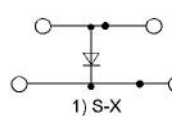
0.14-4

0.32-2.5

10

PA

V0

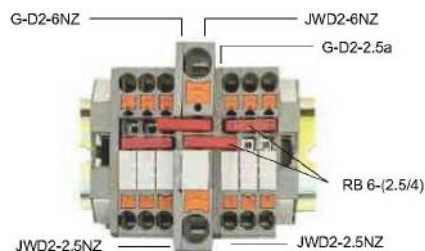


Applications as follow current protection  
of relay coil and solenoid valve;  
Also used for reverse polarity protection

## JWD2-2. 5Z/2-2 2-IN / 2-OUT In-Line Terminal

## Conversion Bridgware

## General-Purpose In-Line Terminal



## JWD2-2.5Z/2-2

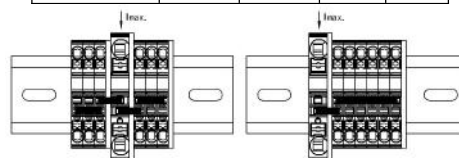
Terminal thickness: 5.2

| (IEC)              | Rigid solid        | Flexible multi-conductor | I   | UI  |
|--------------------|--------------------|--------------------------|-----|-----|
| (mm <sup>2</sup> ) | (mm <sup>2</sup> ) | (mm <sup>2</sup> )       | (A) | (V) |
| IEC60947-7-1       |                    |                          |     |     |

|                                                                                                                         |                                                                        |                                                                                     | 0.2-4           | 0.2-2.5     | 24               | 500 |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|-------------|------------------|-----|
| Description                                                                                                             | Color                                                                  | Schematic diagram                                                                   | Type            | Part Number | Package quantity |     |
| In-line spring terminal mounted on<br> | Grey                                                                   |                                                                                     | JWD2-2.5Z/2-2   | 2000345     | 90               |     |
| (1) End plate                                                                                                           | Grey                                                                   |    | G-D2-2.5Z/2-2   | 2000346     | 50               |     |
| (2) Plug-in bridgware used for horizontal connection in the terminal center                                             | 2 digits<br>3 digits<br>4 digits<br>5 digits<br>10 digits<br>20 digits |   |                 |             |                  |     |
| (3) Conversion bridgware for connecting JWD2-6NZ to JWD2-2.5NZ or JWD2-4NZ                                              |                                                                        |  | JWD2-ZKL5/2     | 2000347     | 50               |     |
| (4) Group partition for terminal group display and electric isolation, with thickness of 2 mm                           |                                                                        |  | GF-D2-a/2-2     | 5130815     | 50               |     |
| (5) Screwdriver                                                                                                         |                                                                        |  | SZF 1-0.6X3.5   | 0204517     | 10               |     |
| (6) Quick tag, with 10 digits for identification in the terminal center                                                 | White                                                                  |                                                                                     | JWD2-ZPZ 5/10   | 2020100     | 100              |     |
| (7) Quick designation strip, with 100 digits for lateral identification                                                 | White                                                                  |                                                                                     |                 |             |                  |     |
| Terminal dimensions                                                                                                     |                                                                        |                                                                                     |                 |             |                  |     |
| Thickness / length / height / end plate thickness                                                                       |                                                                        | [mm]                                                                                | 5.0/58/33.5/1.0 |             |                  |     |
| Height (TH35:7.5/TH35:15)                                                                                               |                                                                        | [mm]                                                                                | 35/42.5         |             |                  |     |
| Connection (directly pluggable)                                                                                         |                                                                        |                                                                                     |                 |             |                  |     |
| Rigid                                                                                                                   |                                                                        | [mm <sup>2</sup> ]                                                                  | 0.2-4           |             |                  |     |
| Stranded wire with tubular bare terminal or tubular pre-insulated terminal                                              |                                                                        | [mm <sup>2</sup> ]                                                                  | 0.2-2.5         |             |                  |     |
| Stripping length                                                                                                        |                                                                        | [mm]                                                                                | 10              |             |                  |     |
| Insulation material                                                                                                     |                                                                        |                                                                                     | PA              |             |                  |     |
| Grading as per UL 94                                                                                                    |                                                                        |                                                                                     | V0              |             |                  |     |

Conversion bridgware with a standard in-line terminal as feed end

| Conversion bridgware | Translational bridging |             | Single-sided input    | Central input         |
|----------------------|------------------------|-------------|-----------------------|-----------------------|
|                      | From                   | To          | I <sub>max.</sub> / A | I <sub>max.</sub> / A |
| RB (2.5/4)-1.5/S     | JWD2-2.5NZ             | JIND2-1.5NZ | 24                    | 30                    |
| RB (2.5/4)-1.5/S     | JWD2-4NZ               | JIND2-1.5NZ | 24                    | 40                    |
| FBS 2-5              |                        | JIND2-2.5NZ | 40                    | 40                    |
| RB 6-1.5/S           | JWD2-6NZ               | JWD2-1.5NZ  | 26                    | 52                    |
| RB 6-(2.5/4)         |                        | JWD2-2.5NZ  | 40                    | 56                    |
|                      |                        | JWD2-4NZ    | 45                    | 56                    |
| RB 10-(2.5/4)        | JWD2-10NZ              | JIND2-2.5NZ | 40                    | 65                    |
|                      |                        | JWD2-4NZ    | 45                    | 65                    |
| RB 16-1.5/S          | JWD2-16NZ              | JIND2-1.5NZ | 24                    | 48                    |
|                      |                        | JWD2-2.5NZ  | 40                    | 80                    |
| RB 16-(2.5/4)        |                        | JWD2-2.5NZ  | 40                    | 80                    |
|                      |                        | JWD2-4NZ    | 45                    | 90                    |



PR safety hook

| Description               | Position No. | Type | Part Number | Package quantity |
|---------------------------|--------------|------|-------------|------------------|
| Safety hook for all plugs | 1 digits     | PR   | 51 40 55 9  | 100              |
|                           | 2 digits     | PR/2 | 51 40 63 0  | 100              |

Note: Before a stranded wire is used, the tubular bare terminal should be crimped onto conductors.



## JWD2-NZ Push-in CT Plug



### JWD2-2.5NZ CT

### JWD2-4NZ CT

### JWD2-6NZ CT

Terminal thickness: 5.2

Terminal thickness: 6.2

Terminal thickness: 8.2

|                                                            |                    |              | Terminal thickness: 5.2 |                          |                  |     | Terminal thickness: 6.2 |                          |                  |     | Terminal thickness: 8.2 |                          |                  |      |
|------------------------------------------------------------|--------------------|--------------|-------------------------|--------------------------|------------------|-----|-------------------------|--------------------------|------------------|-----|-------------------------|--------------------------|------------------|------|
|                                                            |                    |              | Rigid solid             | Flexible multi-conductor | I                | Ui  | Rigid solid             | Flexible multi-conductor | I                | Ui  | Rigid solid             | Flexible multi-conductor | I                | Ui   |
|                                                            |                    |              | (mm <sup>2</sup> )      | (mm <sup>2</sup> )       | (A)              | (V) | (mm <sup>2</sup> )      | (mm <sup>2</sup> )       | (A)              | (V) | (mm <sup>2</sup> )      | (mm <sup>2</sup> )       | (A)              | (V)  |
|                                                            |                    |              | 0.14-4                  | 0.14-2.5                 | 24               | 500 | 0.2-6                   | 0.2-4                    | 32               | 800 | 0.5-10                  | 0.5-6                    | 41               | 1000 |
| Description                                                | Color              | Position No. | Type                    | Part Number              | Package quantity |     | Type                    | Part Number              | Package quantity |     | Type                    | Part Number              | Package quantity |      |
| JWD2-2.5/4/6NZ CT plug, with a user-friendly in-line inlet | Grey               | 1            | JWD2-2.5NZ CT/1         | 9312052                  | 50               |     | JWD2-4NZ CT/1           | 9312018                  | 50               |     | JWD2-6NZ CT/1           | 9312035                  | 50               |      |
|                                                            |                    | 2            | JWD2-2.5NZ CT/2         | 9312053                  | 50               |     | JWD2-4NZ CT/2           | 9312019                  | 50               |     | JWD2-6NZ CT/2           | 9312036                  | 50               |      |
|                                                            |                    | 3            | JWD2-2.5NZ CT/3         | 9312054                  | 50               |     | JWD2-4NZ CT/3           | 9312020                  | 50               |     | JWD2-6NZ CT/3           | 9312037                  | 50               |      |
|                                                            |                    | 4            | JWD2-2.5NZ CT/4         | 9312055                  | 50               |     | JWD2-4NZ CT/4           | 9312021                  | 50               |     | JWD2-6NZ CT/4           | 9312038                  | 50               |      |
|                                                            |                    | 5            | JWD2-2.5NZ CT/5         | 9312056                  | 50               |     | JWD2-4NZ CT/5           | 9312022                  | 50               |     | JWD2-6NZ CT/5           | 9312039                  | 50               |      |
|                                                            |                    | 6            | JWD2-2.5NZ CT/6         | 9312057                  | 25               |     | JWD2-4NZ CT/6           | 9312023                  | 25               |     | JWD2-6NZ CT/6           | 9312040                  | 25               |      |
|                                                            |                    | 7            | JWD2-2.5NZ CT/7         | 9312058                  | 25               |     | JWD2-4NZ CT/7           | 9312024                  | 25               |     | JWD2-6NZ CT/7           | 9312041                  | 25               |      |
|                                                            |                    | 8            | JWD2-2.5NZ CT/8         | 9312059                  | 25               |     | JWD2-4NZ CT/8           | 9312025                  | 25               |     | JWD2-6NZ CT/8           | 9312042                  | 25               |      |
|                                                            |                    | 9            | JWD2-2.5NZ CT/9         | 9312060                  | 25               |     | JWD2-4NZ CT/9           | 9312026                  | 25               |     | JWD2-6NZ CT/9           | 9312043                  | 25               |      |
|                                                            |                    | 10           | JWD2-2.5NZ CT/10        | 9312061                  | 25               |     | JWD2-4NZ CT/10          | 9312027                  | 25               |     | JWD2-6NZ CT/10          | 9312044                  | 25               |      |
|                                                            |                    | 11           | JWD2-2.5NZ CT/11        | 9312062                  | 10               |     | JWD2-4NZ CT/11          | 9312028                  | 10               |     | JWD2-6NZ CT/11          | 9312045                  | 10               |      |
|                                                            |                    | 12           | JWD2-2.5NZ CT/12        | 9312063                  | 10               |     | JWD2-4NZ CT/12          | 9312029                  | 10               |     | JWD2-6NZ CT/12          | 9312046                  | 10               |      |
|                                                            |                    | 13           | JWD2-2.5NZ CT/13        | 9312064                  | 10               |     | JWD2-4NZ CT/13          | 9312030                  | 10               |     | JWD2-6NZ CT/13          | 9312047                  | 10               |      |
|                                                            |                    | 14           | JWD2-2.5NZ CT/14        | 9312065                  | 10               |     | JWD2-4NZ CT/14          | 9312031                  | 10               |     | JWD2-6NZ CT/14          | 9312048                  | 10               |      |
|                                                            |                    | 15           | JWD2-2.5NZ CT/15        | 9312066                  | 10               |     | JWD2-4NZ CT/15          | 9312032                  | 10               |     | JWD2-6NZ CT/15          | 9312049                  | 10               |      |
|                                                            | Blue               | 1            | JWD2-2.5NZ CT/1BU       | 9312067                  | 50               |     | JWD2-4NZ CT/1BU         | 9312033                  | 50               |     | JWD2-6NZ CT/1BU         | 9312050                  | 50               |      |
|                                                            | Yellow + green     | 1            | JWD2-2.5NZ CT/1GNYE     | 9312068                  | 50               |     | JWD2-4NZ CT/1GNYE       | 9312034                  | 50               |     | JWD2-6NZ CT/1GNYE       | 9312051                  | 50               |      |
| (1) Safety hook for plug connection                        | Orange             | 1            | PR                      | 51 40 55 9               | 100              |     | PR                      | 51 40 55 9               | 100              |     | PR                      | 51 40 55 9               | 100              |      |
|                                                            |                    | 2            | PR/2                    | 51 40 63 0               | 100              |     | PR/2                    | 51 40 63 0               | 100              |     | PR/2                    | 51 40 63 0               | 100              |      |
| (2) Quick tag used for terminal side marking               | White              |              | ZBFM5                   | 0 903 595                | 1000             |     | ZBFM6                   | 0 903 618                | 1000             |     | ZBFM8                   | 0 903 734                | 1000             |      |
| Technical data in accordance with IEC/DIN VDE standards    |                    |              |                         |                          |                  |     |                         |                          |                  |     |                         |                          |                  |      |
| Maximum rated working current / cross-sectional area       |                    |              | 24/2.5                  |                          |                  |     | 32/4                    |                          |                  |     | 41/6                    |                          |                  |      |
| Rated impulse withstand voltage / degree of pollution      |                    |              | 6/3                     |                          |                  |     | 8/3                     |                          |                  |     | 8/3                     |                          |                  |      |
| Over-voltage category / insulation material group          |                    |              | III/I                   |                          |                  |     | III/I                   |                          |                  |     | III/I                   |                          |                  |      |
| Connection                                                 |                    |              |                         |                          |                  |     |                         |                          |                  |     |                         |                          |                  |      |
| Stranded wire with tubular pre-insulated terminal          | [mm <sup>2</sup> ] |              | 0.14-2.5                |                          |                  |     | 0.5-4                   |                          |                  |     | 1-6                     |                          |                  |      |
| Stranded wire with tubular bare terminal                   | [mm <sup>2</sup> ] |              | 0.14-2.5                |                          |                  |     | 0.5-4                   |                          |                  |     | 1-6                     |                          |                  |      |
| Stripping length                                           | [mm]               |              | 10                      |                          |                  |     | 10                      |                          |                  |     | 12                      |                          |                  |      |
| Insulation material                                        |                    |              | PA                      |                          |                  |     | PA                      |                          |                  |     | PA                      |                          |                  |      |
| Grading as per UL 94                                       |                    |              | V0                      |                          |                  |     | V0                      |                          |                  |     | V0                      |                          |                  |      |



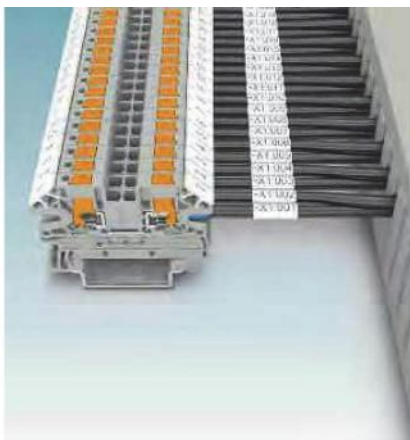
Note: Before a stranded wire is used, the tubular bare terminal or tubular pre-insulated terminal should be crimped onto conductors.



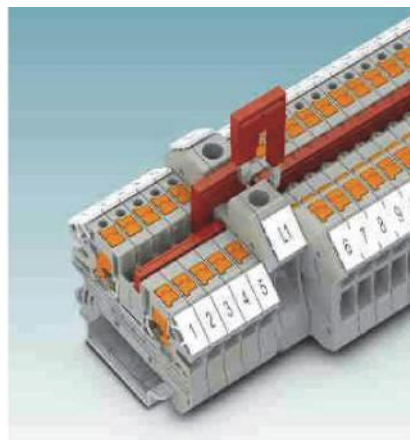
## Push-in Side-Entry Din-Rail Terminal block



The JWD2C terminal is integrated with the in-line self-holding connection technology and the vertical arrangement of screw terminals, which ensure more straightforward and convenient connection.



The vertical connection of the JWD2C terminal can achieve clear connection without bending radius and is therefore easy for connection designation. Additionally, no extra arrangement space is required above the terminal. This product is particularly suitable for flat control boxes.



Similar to the NZ 2.5 terminal, the JWD2C terminal uses the standard bridgeware FBS... And the conversion bridgeware.

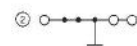
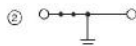


**JWD2C-2.5NZ**



**JWD2C-2.5NZ/1-2**

|                               |                |                              |                      |                                  |                              |                      |                                  |
|-------------------------------|----------------|------------------------------|----------------------|----------------------------------|------------------------------|----------------------|----------------------------------|
| Dimensions                    |                | Technical Data <sup>1)</sup> |                      |                                  | Technical Data <sup>1)</sup> |                      |                                  |
|                               | [mm]           | Width                        | Length               | Height                           | Width                        | Length               | Height                           |
| Maximum Electrical Data       |                | 5.2                          | 50.8                 | 36.5 (TH 35/7.5)                 | 5.2                          | 60                   | 46.9 (TH 35/7.5)                 |
|                               |                | I <sub>max</sub> [A]         | U <sub>max</sub> [V] | Max Ø [mm²]                      | I <sub>max</sub> [A]         | U <sub>max</sub> [V] | Max Ø [mm²]                      |
| Ratings                       |                | 28                           | 800                  | 0.14-4                           | 28                           | 800                  | 0.14-4                           |
| Nominal working voltage       |                | [V]                          | 800                  |                                  | 800                          |                      |                                  |
| Rated current / cross-section |                | [A]/[mm²]                    | 24 / 2.5             |                                  | 24 / 2.5                     |                      |                                  |
| Order Data                    |                |                              |                      |                                  | Order Data                   |                      |                                  |
| Description                   | Color          | Type                         | Part Number          | Number of units/package quantity | Type                         | Part Number          | Number of units/package quantity |
| Terminal                      | Grey           | JWD2C-2.5NZ                  | ① 9311140            | 50                               | JWD2C-2.5NZ/1-2              | ① 9311143            | 50                               |
|                               | Blue           | JWD2C-2.5NZ BU               | ① 9311141            | 50                               | JWD2C-2.5NZ/1-2 BU           | ① 9311144            | 50                               |
| Ground terminal               | Yellow + green | JWD2C-2.5NZ PE               | ② 9311142            | 50                               | JWD2C-2.5NZ/1-2 PE           | ② 9311145            | 50                               |
| Accessories <sup>1)</sup>     |                |                              |                      |                                  | Accessories <sup>1)</sup>    |                      |                                  |
| End plate, thickness = 2.2 mm | Grey           | G-JWD2C-2.5NZ                | 9311162              | 50                               | G-JWD2C-2.5NZ/1-2            | 9311163              | 50                               |
| Quick tag                     |                | ZP5                          | 8 868 102            | 100                              | ZP5                          | 8 868 102            | 100                              |
| Quick designation strip       |                | ZBFM5                        | 0 903 595            | 1000                             | ZBFM5                        | 0 903 595            | 1000                             |





## Push-in Side-Entry Din-Rail Terminal block

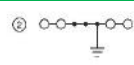
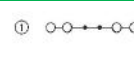
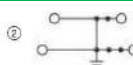
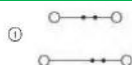


JWD2C-2.5NZ/2

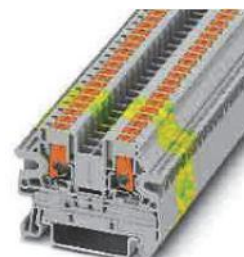


JWD2C-2.5NZ/2-2

|                               |                | Technical Data <sup>1)</sup> |               |                                  |                           | Technical Data <sup>1)</sup> |               |                                  |  |
|-------------------------------|----------------|------------------------------|---------------|----------------------------------|---------------------------|------------------------------|---------------|----------------------------------|--|
| Dimensions                    |                | Width                        | Length        | Height                           |                           | Width                        | Length        | Height                           |  |
|                               | [mm]           | 5.2                          | 99.5          | 57.5 (TH35/7.5)                  |                           | 5.2                          | 69.2          | 46.9 (TH35/7.5)                  |  |
| Maximum Electrical Data       |                | $I_{max}$ [A]                | $U_{max}$ [V] | Max Ø [mm²]                      |                           | $I_{max}$ [A]                | $U_{max}$ [V] | Max Ø [mm²]                      |  |
|                               |                | 28 <sup>2)</sup>             | 800           | 0.14-4                           |                           | 28 <sup>2)</sup>             | 800           | 0.14-4                           |  |
| Ratings                       |                | IEC                          |               |                                  |                           | IEC                          |               |                                  |  |
| Nominal working voltage       | [V]            | 800                          |               |                                  |                           | 800                          |               |                                  |  |
| Rated current / cross-section | [A]/[mm²]      | 22/2.5                       |               |                                  |                           | 24/2.5                       |               |                                  |  |
| Order Data                    |                |                              |               |                                  | Order Data                |                              |               |                                  |  |
| Description                   | Color          | Type                         | Part Number   | Number of units/package quantity | Type                      |                              | Part Number   | Number of units/package quantity |  |
| Terminal                      | Grey           | JWD2C-2.5NZ/2                | ① 93140046    | 50                               | JWD2C-2.5NZ/2-2           |                              | ① 9311146     | 50                               |  |
|                               | Blue           | JWD2C-2.5NZ/2 BU             | ① 93140047    | 50                               | JWD2C-2.5NZ/2-2 BU        |                              | ① 9311147     | 50                               |  |
| Ground terminal               | Yellow + green | JWD2C-2.5NZ/2 PE             | ② 93140048    | 50                               | JWD2C 2.5NZ/2-2 PE        |                              | ② 9311148     | 50                               |  |
| Accessories <sup>1)</sup>     |                |                              |               |                                  | Accessories <sup>1)</sup> |                              |               |                                  |  |
| End plate, thickness = 2.2 mm | Grey           | G-JWD2C-2.5NZ/2              | 93140049      | 50                               | G-JWD2C-2.5NZ/2-2         |                              | 9311164       | 50                               |  |
| Quick tag                     |                | ZP5                          | 8 868 102     | 100                              | ZP5                       |                              | 8 868 102     | 100                              |  |
| Quick designation strip       |                | ZBFM5                        | 0 903 595     | 1000                             | ZBFM5                     |                              | 0 903 595     | 1000                             |  |



JWD2C-4NZ



JWD2C-6NZ

|                               |                | Technical Data <sup>1)</sup> |                      |                                  |                           | Technical Data <sup>1)</sup> |                                  |  |  |
|-------------------------------|----------------|------------------------------|----------------------|----------------------------------|---------------------------|------------------------------|----------------------------------|--|--|
| Dimensions                    |                | Width                        | Length               | Height                           | Width                     | Length                       | Height                           |  |  |
|                               | [mm]           | 6.2                          | 50.8                 | 36.8 (TH 35/7.5)                 | 8.2                       | 61                           | 43.7 (TH 35/7.5)                 |  |  |
| Maximum Electrical Data       |                | I <sub>max</sub> [A]         | U <sub>max</sub> [V] | Max Ø [mm²]                      | I <sub>max</sub> [A]      | U <sub>max</sub> [V]         | Max Ø [mm²]                      |  |  |
|                               |                | 32                           | 1000                 | 0.2-4                            | 41                        | 1000                         | 0.5-6                            |  |  |
| Ratings                       |                | IEC                          |                      |                                  | IEC                       |                              |                                  |  |  |
| Nominal working voltage       |                | [V]                          | 1000                 |                                  | 1000                      |                              |                                  |  |  |
| Rated current / cross-section |                | [A]/[mm²]                    | 32 / 4               |                                  | 41 / 6                    |                              |                                  |  |  |
| Order Data                    |                |                              |                      |                                  | Order Data                |                              |                                  |  |  |
| Description                   | Color          | Type                         | Part Number          | Number of units/package quantity | Type                      | Part Number                  | Number of units/package quantity |  |  |
| Terminal                      | Grey           | JWD2C-4NZ                    | ① 9311149            | 50                               | JWD2C-6NZ                 | ① 9311152                    | 50                               |  |  |
|                               | Blue           | JWD2C-4NZ BU                 | ① 9311150            | 50                               | JWD2C-6NZ BU              | ① 9311153                    | 50                               |  |  |
| Ground terminal               | Yellow + green | JWD2C-4NZ PE                 | ② 9311151            | 50                               | JWD2C-6NZ PE              | ② 9311154                    | 50                               |  |  |
| Accessories <sup>1)</sup>     |                |                              |                      |                                  | Accessories <sup>1)</sup> |                              |                                  |  |  |
| End plate, thickness = 2.2 mm | Grey           | G-JWD2C-4NZ                  | 9311165              | 50                               | G-JWD2C 6NZ               | 9311166                      | 50                               |  |  |
| Quick tag                     |                | ZP6                          | 8 868 103            | 100                              | ZP8                       | 8 868 104                    | 100                              |  |  |
| Quick designation strip       |                | ZBFM6                        | 0 903 618            | 1000                             | ZBFM8                     | 0 903 734                    | 1000                             |  |  |

