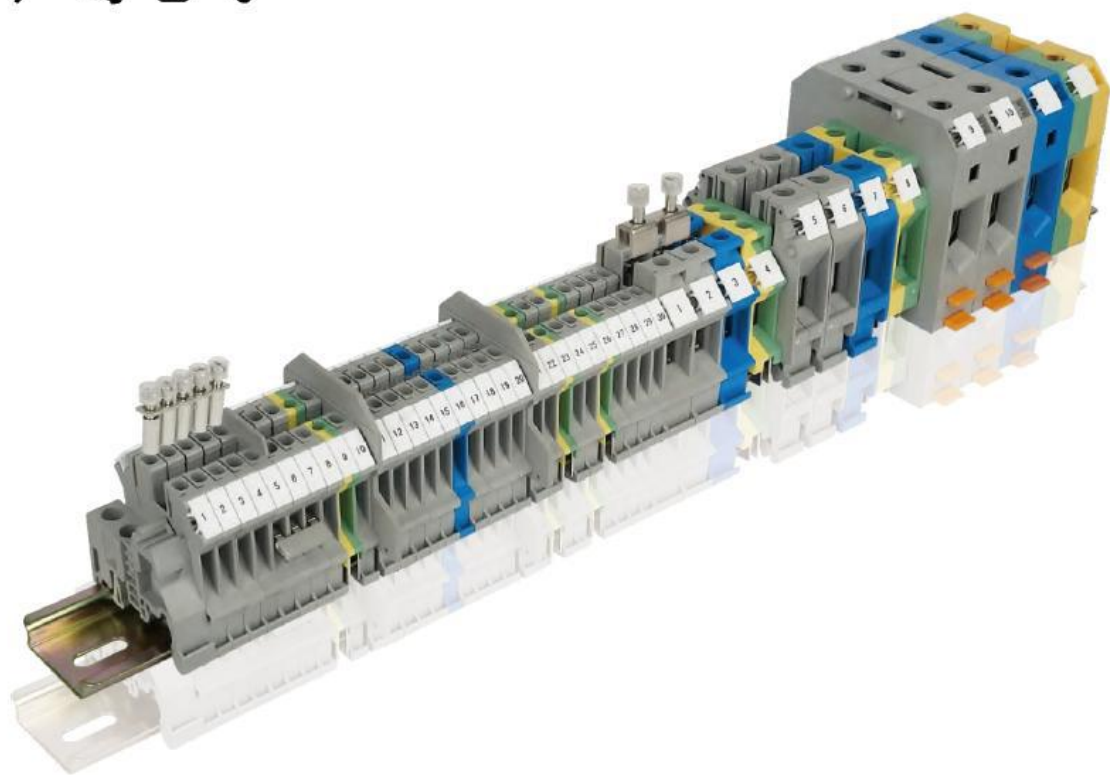


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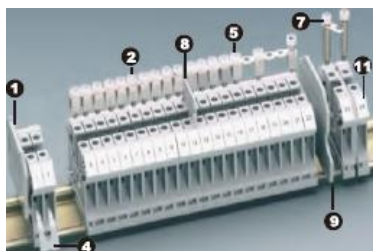
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Screw Type General Din-Rail Terminal block



JWD1-1.5

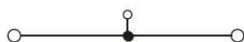


JWD1-2.5

Terminal thickness: 4.2

Terminal thickness: 5.2

			Terminal thickness: 4.2				Terminal thickness: 5.2					
			Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui
			(mm ²)		(A)	(V)	(mm ²)		(A)	(V)		
			IEC 60947-7-1	0.14-1.5	0.14-1.5	17.5	500	IEC 60947-7-1	0.2-4	0.2-2.5	32	800
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity				
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD1-1.5	5 574 101	70	JWD1-2.5	5 574 103	50				
	Blue		JWD1-1.5BU	5 574 102	70	JWD1-2.5BU	5 574 104	50				
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey		1.5-2.5BG	8 050 101	50	2.5-10G	8 050 103	50				
	Blue		1.5-2.5BG BU	8 050 102	50	2.5-1 OG BU	8 050 104	50				
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL4/10	I _{max} : 12 A	5 585 110	100	ZL5/10	I _{max} : 30 A	5 585 120	100		
(3) Connecting sheet: For central connection of more than 10 digits			LJ4/2	5 583 101	10	LJ5/2	5 583 102	10				
(4) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits:					BL5/2	5 582 112	200				
	3 digits:					BL5/3	5 582 113	200				
	10 digits:					BL5/10	5 582 120	100				
(5) Jumping liaison part: With the spacer (6), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.						KL5/10	5 584 120	50				
(6) Spacer: Used as a spacer block between the accessory of the jumping liaison part (5) and the conductive part of the terminal						K5	8 510 102	2000				
(7) Switch liaison part: To be used on top of the terminal for switch connection; the end plate (1) should be added between the connected terminals to ensure electrical isolation.												
(8) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.						GP	8 751 101	100				
(9) Group partition: (thickness: 1.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			1.5-16 GF	8 750 101	50	1.5-16GF	8 750101	50				
(10) Warning sign: Yellow warning mark on top of the terminal						2.5 JS	8 867 101	100				
(11) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP4	8 868 101	100	ZP5	8 868 102	100				
Terminal dimensions												
Thickness / width / end plate thickness		[mm]	4.2/42.5/1.5				5.2/42.5/1.8					
Height (TH 35:7.5 / TH 35:15 / G 32:15)		[mm]	42/49.5/47				47/54.5/52					
Technical data based on IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area		[A] / [mm ²]	17.5/1.5				32/4					
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:		[mm ²]	-/				4/2.5					
Rated impulse withstand voltage / degree of pollution		[kV]/-	6/3				8/3					
Over-voltage category / insulation material group		-/	III/I				III/I					
Connection capacity												
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal		[mm ²]	0.25-1.5/0.25-1.5				0.25-2.5/0.25-2.5					
Connection of multiple conductors (two conductors with the same cross-sectional area)												
Rigid conductor / flexible conductor		[mm ²]	0.14-0.75/0.14-0.75				0.2-1.5/0.2-1.5					
Flexible conductor with tubular bare terminal		[mm ²]	0.25-0.34				0.25-1.5					
Flexible conductor with DEV-tubular pre-insulated terminal		[mm ²]	0.5				0.5-1.5					
Stripping length		[mm]	7				8					
Screw type			M2				M3					
Torque		[Nm]	0.22-0.25				0.6-0.8					
Insulation material type			PA				PA					
Material flammability according to UL94			V0				V0					
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG	300/15/30-14				600/20/28-12					





Screw Type General Din-Rail Terminal block



JWD1-2.5B



JWD1-4

Terminal thickness: 6.2

Terminal thickness: 6.2

			Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui
			(mm ²)		(A)	(V)	(mm ²)		(A)	(V)		
			IEC 60947-7-1	0.2-4	0.2-2.5	32	690	IEC 60947-7-1	0.2-6	0.2-4	41	800
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity				
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD1-2.5B	5 574 105	50	JWD1-4	5 574 107	50				
	Blue		JWD1-2.5B BU	5 574 106	50	JWD1-4 BU	5 574 108	50				
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey		1.5-2.5BG	8 050 101	50	2.5-10G	8 050 103	50				
	Blue		1.5-2.5BG BU	8 050 102	50	2.5-10G BU	8 050 104	50				
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL6/10	I _{max} : 32 A	5 585 130	100	ZL6/10	I _{max} : 32 A	5 585 130	100		
(3) Connecting sheet: For central connection of more than 10 digits			LJ6/2	5 583 103	10	LJ6/2	5 583 103	10				
(4) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits:		BL6/2	5 582 122	200	BL6/2	5 582 122	200				
	3 digits:		BL6/3	5 582 123	200	BL6/3	5 582 123	200				
	10 digits:		BL6/10	5 582 130	100	BL6/10	5 582 130	100				
(5) Jumping liaison part: With the spacer (6), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL6/10	5 584 130	50	KL6/10	5 584 130	50				
(6) Spacer: Used as a spacer block between the accessory of the jumping liaison part (5) and the conductive part of the terminal			K6	8 510 103	500	K6	8 510 103	500				
(7) Switch liaison part: To be used on top of the terminal for switch connection; the end plate (1) should be added between the connected terminals to ensure electrical isolation.												
(8) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1	8 751 102	500	GP	8 751 101	100				
(9) Group partition: (thickness: 1.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			1.5-16 GF	8 750 101	50	1.5-16 GF	8 750 101	50				
(10) Warning sign: Yellow warning mark on top of the terminal			2.5B JS	8 867 102	100	4 JS	8 867 103	100				
(11) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP6	8 868 103	100	ZP6	8 868 103	100				
Terminal dimensions												
Thickness / width / end plate thickness	[mm]		6.2/42.5/1.5					6.2/42.5/1.8				
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		42/49.5/47					47/54.5/52				
Technical data based on IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4					41/6				
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		4/2.5					4/4				
Rated impulse withstand voltage / degree of pollution	[kV]/-		8/3					8/3				
Over-voltage category / insulation material group	-/-		III/I					III/I				
Connection capacity												
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-2.5/0.25-2.5					0.25-4/0.25-4				
Connection of multiple conductors (two conductors with the same cross-sectional area)												
Rigid conductor / flexible conductor	[mm ²]		0.2-1.5/0.25-1.5					0.2-1.5/0.2-1.5				
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1.5					0.25-1.5				
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1.5					0.5-2.5				
Stripping length	[mm]		7					8				
Screw type			M3					M3				
Torque	[Nm]		0.6-0.8					0.6-0.8				
Insulation material type			PA					PA				
Material flammability according to UL94			V0					V0				
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG		600/20/30-12					600/30/30-10				



Screw Type General Din-Rail Terminal block



JWD1-6



JWD1-10

			Terminal thickness: 8.2				Terminal thickness: 10.2					
			Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui
			(mm ²)			(A)	(V)	(mm ²)			(A)	(V)
			IEC 60947-7-1	0.2-10	0.2-6	57	800	IEC 60947-7-1	0.5-16	0.5-10	76	800
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity				
Terminal: With general-purpose locating base, suitable for standard mounting rails 	Grey		JWD1-6	5 574 109	50	JWD1-10	5 574 111	25				
	Blue		JWD1-6 BU	5 574 110	50	JWD1-10 BU	5 574 112	25				
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey		2.5-10G	8 050 103	50	2.5-10G	8 050 103	50				
	Blue		2.5-10G BU	8 050 104	50	2.5-10G BU	8 050 104	50				
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL8/10	I _{max} : 57 A 5 585 140	100	ZL 10/2	5582142	20				
						ZL 10/10	I _{max} : 76 A 5 585 150					
(3) Connecting sheet: For central connection of more than 10 digits			LJ 8/2	5 583104	10	LJ 10/2	5 583 105	50				
(4) Stepped central switchover part For switchover from ZL6/10 to ZL10/10 For switchover from ZL6/10 to ZL15/10						TL10-6	5 586 101	50				
(5) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits:		BL 8/2	5 582 132	100	BL10/2	5 582 142	50				
	3 digits:		BL 8/3	5 582 133	100	BL10/3	5 582 143	50				
	10 digits:		BL 8/10	5 582 140	50	BL 10/10	5 582 150	50				
(6) Jumping liaison part: With the spacer (7), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL 8/10	5 584 140	50	KL 10/10	5 584 150	10				
(7) Spacer: Used as a spacer block between the accessory of the jumping liaison part (6) and the conductive part of the terminal			K8	8 510 104	500	K8	8 510 104	100				
(8) Switch liaison part: To be used on top of the terminal for switch connection; based on the required breaking clearance, use a short or long overlapping strap.												
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP	8 751 101	100	GP	8 751 101	100				
(10) Group partition: (thickness: 1.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			1.5-16 GF	8 750 101	50	1.5-16 GF	8 750 101	50				
(11) Warning sign: Yellow warning mark on top of the terminal			6 JS	8 867 104	100	10 JS	8 867 105	50				
(12) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP8	8 868 104	100	ZP10	8 868 105	100				
Terminal dimensions												
Thickness / width / end plate thickness			[mm]	8.2/42.5/1.8			10.2/42.5/1.8					
Height (TH 35.7.5 / TH 35.15 / G 32.15)			[mm]	47/54.5/52			47/54.5/52					
Technical data based on IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area			[A] / [mm ²]	57/10			76/16					
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:			[mm ²]	4/4			16/10					
Rated impulse withstand voltage / degree of pollution			[kV]/-	8/3			8/3					
Over-voltage category / insulation material group			-/-	III/I			III/I					
Connection capacity												
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal			[mm ²]	0.25-6/0.25-6			0.5-10/0.5-6					
Connection of multiple conductors (two conductors with the same cross-sectional area)												
Rigid conductor / flexible conductor			[mm ²]	0.2-2.5/0.2-2.5			0.5-4/0.5-4					
Flexible conductor with tubular bare terminal			[mm ²]	0.25-1.5			0.5-2.5					
Flexible conductor with DEV-tubular pre-insulated terminal			[mm ²]	0.5-4			0.5-6					
Stripping length			[mm]	10			10					
Screw type			M4			M4						
Torque			[Nm]	1.5-1.8			1.5-1.8					
Insulation material type			PA			PA						
Material flammability according to UL94			V0			V0						
Rated working voltage / rated working current / wire gauge			UL: [V]/[A]/AWG	600/50/26-8			600/65/24-6					





Screw Type General Din-Rail Terminal block



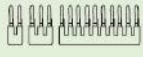
JWD1-16



JWD1-35

Terminal thickness: 12.2

Terminal thickness: 15.2

			Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui
			(mm²)		(A)	(V)	(mm²)		(A)	(V)		
			IEC 60947-7-1	2.5-25	4-16	101	800	IEC 60947-7-1	0.75-35	0.75-35	150	1000
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity				
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD1-16	5 574 113	25	JWD1-35	5 574 117	17				
	Blue		JWD1-16 BU	5 574 114	25	JWD1-35 BU	5 574 118	17				
	Grey		16G	8 050 105	50							
	Blue		16G BU	8050 106	50							
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL10/12	I _{max} : 101 A	5 585 160	20	ZL 15/10	I _{max} : 125 A	5 585 170	20		
(3) Connecting sheet: For central connection of more than 10 digits			LJ12/2	5 583 106	50	LJ 15/2	5 583 107	50				
(4) Stepped central switchover part For switchover from ZL6/10 to ZL10/10 For switchover from ZL6/10 to ZL15/10						TL15-6	5 586102	10				
(5) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits:		BL12/2	5582152	50	BL15/2	5 582 162	50				
	3 digits:		BL12/3	5582153	50	BL15/3	5 582 163	50				
	10 digits:		BL12/10	5582160	50	BL 15/10	5 582 170	10				
(6) Jumping liaison part: With the spacer (7), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.												
(7) Spacer: Used as a spacer block between the accessory of the jumping liaison part (6) and the conductive part of the terminal												
(8) Switch liaison part: To be used on top of the terminal for switch connection; based on the required breaking clearance, use a short or long overlapping strap.						HL15/2 Only short overlapping strap available	5 581 105	100				
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP	8 751 101	100	GP	8 751 101	100				
(10) Group partition: (thickness: 1.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			1.5-16 GF	8 750 101	50							
(11) Warning sign: Yellow warning mark on top of the terminal			16JS	8 867 106	100	35 JS	8 867 107	50				
(12) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP10	8 868 105	100	ZP10	8 868105	100				
Terminal dimensions												
Thickness / width / end plate thickness	[mm]		12.2/42.5/1.5				15.2/50/-					
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		54/61.5/59				62/69.5/67					
Technical data based on IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area	[A] / [mm²]		101/25				150/50					
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm²]		16/16				35/35					
Rated impulse withstand voltage / degree of pollution	[kV]/-		8/3				8/3					
Over-voltage category / insulation material group	-/-		III/I				III/I					
Connection capacity												
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm²]		1.5-16/1.5-16				0.75-35/0.75-35					
Connection of multiple conductors (two conductors with the same cross-sectional area)												
Rigid conductor / flexible conductor	[mm²]		1.5-6/1.5-4				0.75-16/0.75-10					
Flexible conductor with tubular bare terminal	[mm²]		1.5-6				0.75-10					
Flexible conductor with DEV-tubular pre-insulated terminal	[mm²]		0.75-10				0.75-6					
Stripping length	[mm]		11				16					
Screw type			M4				M6					
Torque	[Nm]		1.5-1.8				3.2-3.7					
Insulation material type			PA				PA					
Material flammability according to UL94			V0				V0					
Rated working voltage / rated working current / wire gauge			600/85/22-4				1000/150/18-10					



Screw Type High-Current Din-Rail Terminal block

- Type JWD1-□ large-current terminal ensures reliable connection of conductors with large cross-sectional area (CSA) in terms of structural design.
- The prismatic plug-in conductor holder ensures three-point alignment for conductors connection;
- The grooved texture on the bottom of the conductor holder ensures that the contact surface after connection has a low transition resistance;
- Elastic component for screw self-locking;
- The terminal has two insulating parts which form closed-end insulating housings; the supplied spring rail clamping mechanism can facilitate fast attachment of the terminal to Types TH35:15 and G32:15 standard mounting rails.



JWD1-50

Terminal thickness: 20

	Rigid conductor (mm ²)	Flexible conductor	I (A)	Ui (V)
IEC 60947-7-1	16-50	25-50	150	1000

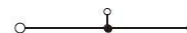
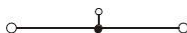
JWD1-70

Terminal thickness: 22

	Rigid conductor (mm ²)	Flexible conductor	I (A)	Ui (V)
IEC 60947-7-1	25-70	25-70	192	1000

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey Blue Yellow-green		JWD1-50 JWD1-50 BU	5 574 131 5 574 132	10 10	JWD1-70 JWD1-70 BU	910200 910201	6 6
(1) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; the divider on the terminal housing must be removed.	2 digits 3 digits		ZL 20/2 ZL 20/3	5 585 172 5 585 173	50 100	ZL 22/2 ZL 22/3	910202 910203	50 50
(2) Edge liaison part: Its role is the same as that of the central liaison part (1); with insulation on the back side, inserted in the conductor holder, and clamped on the insulation housing of the terminal	2 digits 3 digits							
(3) Prismatic conductor holder: A prismatic metal block used to compensate the pressed flat conductor			50 EP	8 104 101	10			
(4) Warning sign: Attached to the surface on top of the terminal			50 JS	8 867 109	50			
(5) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).			ZP10	8868105	100	ZP10	8868105	100
(6) Terminal fastener: (thickness: 10) It is used to finally fix a large-current terminal; after it is pushed, it can be mounted on Type TH35/15 mounting rail, and it should be fixed with two screws.			ZG2	5 103 102	10	ZG2	5 103 102	10
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		20/70.5			22.5/76		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		83.5/81.5			92/89.8		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		150/50			192/70		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		-			-		
Rated impulse withstand voltage / degree of pollution	[kV]/-		8/3			8/3		
Over-voltage category / insulation material group	-/-		III/II			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		25-50/25-50			25-70/25-70		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		10-16/10-16			10-25/10-25		
Flexible conductor with tubular bare terminal	[mm ²]		10-16			10-25		
Stripping length	[mm]		24			24		
Screw type			M6*			M8*		
Torque	[Nm]		6-8			6-12		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG		600/150/6-1/0			600/192/2-2/0		

*) Socket head cap screw





Screw Type High-Current Din-Rail Terminal block



JWD1-95



JWD1-150



JWD1-240

			Terminal thickness: 25					Terminal thickness: 31					Terminal thickness: 36				
			Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui	Rigid conductor		Flexible conductor	I	Ui
			(mm ²)		(mm ²)	(A)	(V)	(mm ²)		(mm ²)	(A)	(V)	(mm ²)		(mm ²)	(A)	(V)
			IEC 60947-7-1	25-95	35-95	232	1000	IEC 60947-7-1	35-150	50-150	309	1000	IEC 60947-7-1	70-240	70-240	415	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
Terminal: With general-purpose locating base, suitable for standard mounting rails — and —	Grey Blue Yellow-green		JWD1-95	5 574 133	5	JWD1-150	5 574 135	5	JWD1-240	5 574 137	2						
(1) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; the divider on the terminal housing must be removed.	2 digits 3 digits		JWD1-95 BU	5 574 134	5	JWD1-150 BU	5 574 136	5	JWD1-240	5 574 137	2						
(2) Edge liaison part: Its role is the same as that of the central liaison part (1); with insulation on the back side, inserted in the conductor holder, and clamped on the insulation housing of the terminal	2 digits 3 digits		BL 25/2 BL 25/3	5 582 172 5 582 173	10	BL 31/2 BL 31/3	5 582 174 5 582 175	10	BL 36/2 BL 36/3	5 582 176 5 582 177	10						
(3) Prismatic conductor holder: A prismatic metal block used to compensate the pressed flat conductor			95 EP	8 104 102	10	150/240 EP	8 104 103	10	150/240 EP	8 104 103	10						
(4) Warning sign: Attached to the surface on top of the terminal																	
(5) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).			ZP10	8868105	100	ZP10	8868105	100	ZP10	8868105	100						
(6) Terminal fastener: (thickness: 10) It is used to finally fix a large-current terminal; after it is pushed, it can be mounted on Type TH35/15 mounting rail, and it should be fixed with two screws.			ZG2	5 103 102	10	ZG2	5 103 102	10	ZG2	5 103 102	10						
Terminal dimensions																	
Thickness / width / end plate thickness	[mm]		25/83					31/100					36/100				
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		97.5/95.5					118.5/116					131.5/129.5				
Technical data based on IEC/DIN VDE standards																	
Maximum rated working current / cross-sectional area	[A] / [mm ²]		232/95					309/150					415/240				
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		95/70					150/120					240/185				
Rated impulse withstand voltage / degree of pollution	[kV]/-		8/3					8/3					8/3				
Over-voltage category / insulation material group	-/-		III/I					III/I					III/I				
Connection capacity																	
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		35-95/36-95					50-150/50-150					70-185/70-185				
Connection of multiple conductors (two conductors with the same cross-sectional area)																	
Rigid conductor / flexible conductor	[mm ²]		25-35/25-35					25-50/35-50					35-95/50-95				
Flexible conductor with tubular bare terminal	[mm ²]		16-35					25-50					35-50				
Stripping length	[mm]		33					40					40				
Screw type			M8*					M10*					M10*				
Torque	[Nm]		15-20					25-30					25-30				
Insulation material type			PA					PA					PA				
Material flammability according to UL94			V0					V0					V0				
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG		600/230/2-4/0					600/285/2AWG-300MCM					600/380/2/0-500				

*) Socket head cap screw

*) Socket head cap screw
• Excellent thermal stability: continuous operation at the ambient temperature of 100 °C; resistant to a high temperature up to 200 °C for a short period
• High heat resistance class: the product is non-flammable, and its flame retardant rating is Grade UL94V-C;

• Good dielectric property and arc resistance: outstanding withstand voltage strength (600 KV/cm); creepage: CTI>600;
• Excellent corrosion and weather resistance, as well as good protection from microorganisms and moulds in nature, various compounds, etc.;

Thanks to its insensitivity to UV light, the performance of the product will not be affected in an open air or tropical zones. As its excellent performance has been recognized by all authorities around the world, it has a wide range of applications in the electric appliance industry.



Screw Type General Din-Rail Ground Terminal block



JWD1-1.5JD



JWD1-2.5JD

		Terminal thickness: 4.2			Terminal thickness: 5.2		
		Rigid conductor		Flexible conductor	Rigid conductor		Flexible conductor
		(mm ²)			(mm ²)		
		IEC 60947-7-2	0.14-1.5	0.14-1.5	IEC 60947-7-2	0.2-4	0.2-2.5
Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Ground terminal: The yellow-green insulating housings can be mounted on the mounting rails  and 		JWD1-1.5 JD	5 574 121	70	JWD1-2.5 JD	5 574 122	50
Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits: 				BL5/2 BL5/3 BL5/10	5 582 112 5 582 113 5 582 120	200 200 100
Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.		ZP4	8 868 101	100	ZP5	8 868 102	100
Terminal dimensions							
Thickness / width	[mm]	4.2/42.5			5.2/42.5		
Height (TH 35.7.5 / TH 35.15 / G 32.15)	[mm]	42/49.5/47			47/54.5/52		
Technical data based on IEC/DIN VDE standards							
Rated impulse withstand voltage / degree of pollution	[kV]/-	6/3			8/3 ¹⁾		
Over-voltage category / insulation material group	-/-	III/II			III/I		
Connection capacity							
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]	0.25 -0.75/0.25-0.75			0.25 -2.5/0.25-1.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)							
Rigid conductor / flexible conductor	[mm ²]	0.14-0.75/0.14-0.75			0.2 -1.5/0.2-1.5		
Flexible conductor with tubular bare terminal	[mm ²]	0.25-0.34			0.25-1.5		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5			0.5-1.5		
Stripping length	[mm]	7			8		
Screw for terminal position: screw type / torque	-/[Nm]	M 2/0.22-0.25			M 3 / 0.6-0.8		
Central fastening screw: screw type / torque	-/[Nm]	M 2 / 0.22-0.25			M 2.5/0.5-0.6		
Insulation material type		PA			PA		
Material flammability according to UL94		V0			V0		
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG	-/I/30-14			-/I/28-12		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).

1) If this terminal is adjacent to a feed-through terminal with the same configuration, and the voltage is greater than 690 V, one end plate must be inserted.





Screw Type General Din-Rail Ground Terminal block



JWD1-2.5BJD



JWD1-4JD



JWD1-6JD

		Terminal thickness: 6.2			Terminal thickness: 6.2			Terminal thickness: 8.2		
		Rigid conductor		Flexible conductor	Rigid conductor		Flexible conductor	Rigid conductor		Flexible conductor
		(mm ²)			(mm ²)			(mm ²)		
		IEC 60947-7-2	0.2-4	0.2-2.5	IEC 60947-7-2	0.2-6	0.2-4	IEC 60947-7-2	0.2-10	0.2-6
Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Ground Terminal: The yellow-green insulating housings can be mounted on the mounting rails  and 		JWD1-2.5B JD	5 574 123	50	JWD1-4 JD	5 574 124	50	JWD1-6 JD	5 574 125	50
Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits	BL 6/2	5 582 122	200	BL6/2	5 582 122	200	BL8/2	5 582 132	100
	3 digits	BL 6/3	5 582 123	200	BL6/3	5 582 123	200	BL8/3	5 582 133	100
	10 digits	BL 6/10	5 582 130	100	BL6/10	5 582 130	100	BL8/10	5 582 140	50
Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.		ZP6	8 868 103	100	ZP6	8 868 103	100	ZP8	8 868 104	100
Terminal dimensions										
Thickness / width	[mm]	6.2/42.5			6.2/42.5			8.2/42.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	42/49.5/47			47/54.5/52			47/54.5/52		
Technical data based on IEC/DIN VDE standards										
Rated impulse withstand voltage / degree of pollution	[kV]-	8/3			8/3			8/3		
Over-voltage category / insulation material group	-/-	III/I			III/I			III/I		
Connection capacity										
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]	0.25-2.5/0.25-2.5			0.25 -4/0.25-2.5			0.25 -6/0.25-6		
Connection of multiple conductors (two conductors with the same cross-sectional area)										
Rigid conductor / flexible conductor	[mm ²]	0.2-1.5/0.2-1.5			0.2-1.5/0.2-1.5			0.2-2.5/0.2-2.5		
Flexible conductor with tubular bare terminal	[mm ²]	0.25-1.5			0.25-2.5			0.25-1.5		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5-1.5			0.5-2.5			0.5-4		
Stripping length	[mm]	7			8			10		
Screw for terminal position: screw type / torque	-(Nm)	M 3 / 0.6-0.8			M 3 / 0.6-0.8			M 4/1.5-1.8		
Central fastening screw: screw type / torque	-(Nm)	M 3 / 0.6-0.8			M 3 / 0.6-0.8			M 4/1.5-1.8		
Insulation material type		PA			PA			PA		
Material flammability according to UL94		V0			V0			V0		
Rated working voltage / rated working current / wire gauge	UL:V/[A]/AWG	-/30-12			-/26-10			-/26-8		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).



Screw Type General Din-Rail Ground Terminal block



JWD1-10JD



JWD1-16JD



JWD1-35JD

		Terminal thickness: 10.2			Terminal thickness: 12.2			Terminal thickness: 15.2		
		Rigid conductor (mm ²)		Flexible conductor	Rigid conductor (mm ²)		Flexible conductor	Rigid conductor (mm ²)		Flexible conductor
		IEC 60947-7-2	0.5-16	0.5-10	IEC 60947-7-2	2.5-25	4-16	IEC 60947-7-2	0.75-50	0.75-35
Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Ground terminal: The yellow-green insulating housings can be mounted on the mounting rails and .		JWD1-10 JD	5 574 126	25	JWD1-16 JD	5 574 127	25	JWD1-35 JD	5 574 129	17
Edge liaison part: Its role is the same as that of the central liaison part; with insulation on the back side; 10 digits that can be further divided at will	2 digits 3 digits 10 digits 	BL 10/2	5 582 142	50	BL 12/10	5 582 160	50	BL 15/2	5 582 162	50
		BL 10/3	5 582 143	50				BL 15/3	5 582 163	50
		BL 10/10	5 582 150	50				BL 15/10	5 582 170	10
Edge liaison part: Its role is the same as that of the central liaison part; with insulation on the back side, inserted in the conductor holder, and clamped on the insulation housing of the terminal	2 digits 3 digits 									
Prismatic conductor holder: A prismatic metal block used to compensate the pressed flat conductor										
Terminal fastener: (thickness: 10) It is used to finally fix a large-current terminal; after it is pushed, it can be mounted on Type TH35/15 mounting rail, and it should be fixed with two screws.		ZG1	5 103 100	50	ZG1	5 103 100		ZG1	5 103 100	50
Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.		ZP10	8 868 105	100	ZP10	8 868 105	100	ZP10	8 868 105	100
Terminal dimensions										
Thickness / width	[mm]	10.2/42.5			12.2/42.5			15.2/50		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	47/54.5/52			54/61.5/59			62/69.5/67		
Technical data based on IEC/DIN VDE standards										
Maximum rated working current / cross-sectional area	[A] / [mm ²]	76/16			101/25			150/50		
Rated impulse withstand voltage / degree of pollution	[kV]/-	8(3')			8(3')			8(3')		
Over-voltage category / insulation material group	-/-	III/I			III/I			III/I		
Connection capacity										
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]	0.5-10/0.5-0.6			1.5-16/1.5-16			0.75-35 / 0.75-35		
Connection of multiple conductors (two conductors with the same cross-sectional area)										
Rigid conductor / flexible conductor	[mm ²]	0.5-4 / 0.5-4			1.5-6/1.5-4			0.75-16/0.75-10		
Flexible conductor with tubular bare terminal	[mm ²]	0.5-0.25			1.5-6			0.75-10		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5-6			0.75-10			0.75-6		
Stripping length	[mm]	10			11			15		
Screw for terminal position: screw type / torque	-/[Nm]	M4/1.5-1.8			M 4/1.5-1.8			M 6 / 3.2-3.7		
Central fastening screw: screw type / torque	-/[Nm]	M4/1.5-1.8			M 4/1.5-1.8			M 5 / 2.5-3		
Insulation material type		PA			PA			PA		
Material flammability according to UL94		V0			V0			V0		
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG	-/ /24-6			-/ /22-4			-/ /18-1/0		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).

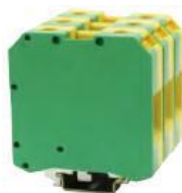
1) If this terminal is adjacent to a feed-through terminal with the same configuration, and the voltage is greater than 690 V, one end plate must be inserted.

*) Socket head cap screw

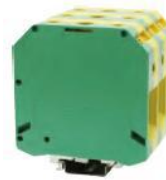




Screw Type High-Current Din-Rail Ground Terminal block



JWD1-50JD



JWD1-95JD

			Terminal thickness: 20			Terminal thickness: 25		
			Rigid conductor Flexible conductor (mm ²)		Package quantity	Rigid conductor Flexible conductor (mm ²)		Package quantity
			IEC 60947-7-2	16-50 25-50		IEC 60947-7-2	25-95 35-95	
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Ground Terminal: The yellow-green insulating housings can be mounted on the mounting rails  and 			JWD1-50 JD	5 574 139	10	JWD1-95 JD	5 574 140	5
Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:							
Edge liaison part: Its role is the same as that of the central liaison part; with insulation on the back side, inserted in the conductor holder, and clamped on the insulation housing of the terminal	2 digits 3 digits					BL 25/2	5 582 172	10
						BL 25/3	5 582 173	10
Prismatic conductor holder: A prismatic metal block used to compensate the pressed flat conductor			50 EP	8 104 101	10	95 EP	8 104 102	10
Terminal fastener: (thickness: 10) It is used to finally fix a large-current terminal; after it is pushed, it can be mounted on Type TH35/15 mounting rail, and it should be fixed with two screws.			ZG2	5 103 102		ZG2	5 103 102	50
Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP10	8 868 105	100	ZP10	8 868 105	100
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		20/70.5			25/83		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		83.5/81.5			99/96.5		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		150/50			232/95		
Rated impulse withstand voltage / degree of pollution	[kV]-		8(3 ¹)			8(3 ¹)		
Over-voltage category / insulation material group	-/-		III/I			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		25 -50 / 25-50			35-95 / 35-95		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		10-16/10-16			25-35 / 25-35		
Flexible conductor with tubular bare terminal	[mm ²]		10-16			16-35		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		-			—		
Stripping length	[mm]		24			30		
Screw for terminal position: screw type / torque	~[Nm]		M 6 ¹ / 6-8			M 8 ¹ /15-20		
Central fastening screw: screw type / torque	~[Nm]		M 6 ¹ / 6-8			M 8 ¹ /15-20		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG		-/-/6-1/0			-/-/2-4/0		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).



Screw Type High-Current Din-Rail Ground Terminal block



JWD1-150 GNYE



JWD1-240 GNYE

			Terminal thickness: 31			Terminal thickness: 36		
			Rigid conductor		Flexible conductor	Rigid conductor		Flexible conductor
			(mm ²)			(mm ²)		
			IEC 60947-7-1	35-150	50-150	IEC 60947-7-1	70-240	70-240
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Ground Terminal: The yellow-green insulating housings can be mounted on the mounting rails  and 			JWD1-150 GNYE	5 574 138	5	JWD1-240 GNYE	5 574 147	2
Edge liaison part: Its role is the same as that of the central liaison part; with insulation on the back side, inserted in the conductor holder, and clamped on the insulation housing of the terminal	2 digits		BL 31/2	5 582 174	10	BL 36/2	5 582 176	10
	3 digits		BL 31/3	5 582 175	10	BL 36/3	5 582 177	10
Prismatic conductor holder: A prismatic metal block used to compensate the pressed flat conductor			150/240 EP	8 104 103	10	150/240 EP	8 104 103	10
Terminal fastener: (thickness: 10) It is used to finally fix a large-current terminal; after it is pushed, it can be mounted on Type TH35/15 mounting rail, and it should be fixed with two screws.			ZG2	5103102	50	ZG2	5 103 102	50
Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); it is white.			ZP10	8 868105	100	ZP10	8 868 105	100
Terminal dimensions								
Thickness /Width		[mm]	31/100			36/100		
Height (TH 35:15 / G 32:15)		[mm]	118.5/116			131.5/129.5		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area		[A] / [mm ²]	309/150			415/240		
Rated impulse withstand voltage / degree of pollution		[kV]-	8/3			8/3		
Over-voltage category / insulation material group		-/-	III/I			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal		[mm ²]	50-150/50-150			70 -240 / 70-240		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor		[mm ²]	25 -50 / 35-50			35-95 / 50-95		
Flexible conductor with tubular bare terminal		[mm ²]	25-30			35-50		
Stripping length		[mm]	40			40		
Screw for terminal position: screw type / torque		~[Nm]	M 10*/25-30			M 10*/25-30		
Central fastening screw: screw type / torque		~[Nm]	M 10*/25-30			M 10*/25-30		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG		600 / 285 / 2AWG -300 MCM			600 / 380 / 2AWG-500 MCM		

*) Socket head cap screw

Note: JD represents the electric wire grounding mode.





Marking Terminal



JWD1-B1



JWD1-B2

Terminal thickness: 10mm				Terminal thickness: 20mm		
Description	Type	Part Number	Package quantity	Type	Part Number	Package quantity
The marking terminal for terminal strips is used for terminal group identification and is mounted on the guide rail or ; the insert marker is available, and the B-STIFT marker pen or CMS system can be used to mark it, and the writable area is 37x7.5 mm.	JWD1-B1	5 574 180	50			
The marking terminal for terminal strips is used for terminal group identification and is mounted on the guide rail or ; the insert marker is available, and the B-STIFT marker pen or CMS system can be used to mark it, and the writable area is 44/20 mm.				JWD1-B2	5 574 181	20
Material	PA			PA		
Material flammability according to UL 94	V0			V0		
Temperature index RTI/TI	120/100			120/100		
Color	Grey			Grey		
Cover material	Polyethylene			Polyethylene		
Working temperature range	-40 to +100			-40 to +100		
Color	Transparent			Transparent		
Insert marker material	Cardboard			Cardboard		
Color	White			White		

- Marks can be printed with the CMS system.

Marker Clip



JWD1-B3

Description	Type	Part Number	Package quantity
The marker clip for terminal strips is used for terminal strip identification, and its height is adjustable; the marker clip can be clamped on the terminal fastener ZG1; the B-STIFT marker pen or CMS system can be used to mark the insert marker JWD1-B3, and the writable area is 25x6 mm.	JWD1-B3	5 574 182	100
Material	PC		
Material flammability according to UL 94	—		
Temperature index RTI/TI	Working temperature range: -40 °C to +80 °C		
Color	Transparent		
Cover material	Polyethylene		
Working temperature range			
Color			
Insert marker material	Cardboard or polyethylene		
Color	White		

- Marks can be printed with the CMS system.

Screw Type 1-IN / 2-OUT Din-Rail Terminal block



JWD1-4/1-2

Terminal thickness: 6.2

	Rigid conductor	Flexible conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-4	32*	500

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.



JWD1-16/1+

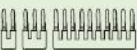
Terminal thickness: 12.2

	Rigid conductor	Flexible conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	2.5-25	4-16	85*	800

Feed-through layer

Tap position

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD14/1-2	5 574 171	34	JWD1-16/1 +	910498	34
	Blue		JWD14/1-2 BU	5 574 172	34	JWD1-16/1+BU	910499	34
Ground terminal: The yellow-green insulating housings are suitable for the standard mounting rails and 								
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey		4/1-2 G	8 050 114	50			
	Blue		4/1-2 G BU	8 050 115	50			
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL 6/10	5 585 130	50	ZL 12/10	5585160	20
(3) Connecting sheet: For central connection of more than 10 digits			LJ 6/2	5 585 103	100	LJ 12/2	5585106	100
(4) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		BL 6/2	5 582 122	200			
			BL 6/3	5 582 123	200	BL 12/10	5582144	50
			BL 6/10	5 582 130	100			
(5) Jumping liaison part: With the spacer (6), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL 6/10	5 584 130	10			
(6) Spacer: Used as a spacer block between the accessory of the jumping liaison part (5) and the conductive part of the terminal			K 6	8 510 103	500			
(7) Switch liaison part: To be used on top of the terminal for switch connection; the end plate (1) should be added between the connected terminals to ensure electrical isolation.			HL 6/2	5 581 103	10			
(8) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP	8 751 101	100	GP	8 751 101	100
(9) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).	White		ZP6	8 868 103	100	ZP10	8 868 105	100
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		6.2/50.5/2			12.2/59/-		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		47/54.5/52			47/54.5/52		
Technical data based on IEC/DIN VDE standards						Connection capacity of feed-through layer		Connection capacity of tap position
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4			85/25		41/6
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		4/4			-		
Rated impulse withstand voltage / degree of pollution	[kV]-		6/3			8/3		
Over-voltage category / insulation material group	-/-		III/I			III/I		
Feed-through layer: connecting two conductors with the same cross-sectional area								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-4/0.25-2.5			1.5-16/1.5-16		0.25-4/0.25-4
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		0.2-1.5/0.2-1.5			1.5-6/1.5-4		0.2-1.5/0.2-1.5
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1.5			1.5-6		0.25-1.5
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1.5			0.75-10		0.5-1.5
Stripping length	[mm]		8			11		7
Screw for terminal position: screw type / torque			M 3/0.6-0.8			M5/2.5-3		M3/0.6-0.8
Central fastening screw: screw type / torque								
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge			150/30/30-10			600/85/224		600/30/30-10

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).





Screw Type 1-IN / 2-OUT Din-Rail Terminal block



JWD1-4/2-2



JWD1-4/2-2JD



JWD1-10/2-2

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-6	0.2-4	32* 690

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-2	0.2-6	0.2-4	

Terminal thickness: 10.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.5-16	0.5-10	57* 690

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey Blue		JWD1-4/2-2	5 574 174	34				JWD1-10/2-2	910206	20
Ground terminal: The yellow-green insulating housings are suitable for the standard mounting rails  and 			JWD1-4/2-2 BU	5 574 175	34				JWD1-10/2-2 BU	910207	20
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey Blue		4/2-2 G	8 050 116	50				4/2-2 G	8 050 116	50
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			4/2-2 G BU	8 050 117	50				4/2-2 G BU	8050 117	50
(3) Connecting sheet: For central connection of more than 10 digits			ZL 6/10	5 585 130	50				ZL 10/10	5 585 150	20
(4) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		LJ 6/2	5 583 103	10				LJ 10/2	5 583 105	100
(5) Jumping liaison part: With the spacer (6), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			BL 6/2	5 582 122	200	BL 6/2	5 582 122	200	BL 10/2	5 582 142	50
(6) Spacer: Used as a spacer block between the accessory of the jumping liaison part (5) and the conductive part of the terminal			BL 6/3	5 582 123	200	BL 6/3	5 582 123	200	BL 10/3	5 582 143	50
(7) Switch liaison part: To be used on top of the terminal for switch connection; the end plate (1) should be added between the connected terminals to ensure electrical isolation.			BL 6/10	5 582 130	100	BL 6/10	5 582 130	100	BL 10/10	5 582 150	50
(8) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			KL 6/10	5 584 130	10				KL 10/10	5 584 150	10
(9) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).	White		K6	8 510 103	500				K8	8 510 104	500
Terminal dimensions											
Thickness / width / end plate thickness	[mm]			6.2/63.5/1.5			6.2/63.5/-			10.2/63.5/1.8	
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]			47/54.5/52.5			47/54.5/52.5			65/65.5	
Technical data based on IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]			32/4			-			57/16	
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]			2.5/2.5			-			16/10	
Rated impulse withstand voltage / degree of pollution	[kV]/-			8/3			8/3			8/3	
Over-voltage category / insulation material group	-/I			III/I			III/I			III/I	
Connection capacity of feed-through layer											
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]			0.25-4 / 0.25-2.5			0.254 / 0.25-1.5			0.5-10/0.5-6	
Feed-through layer: connecting two conductors with the same cross-sectional area)											
Rigid conductor / flexible conductor	[mm ²]			0.2-1 / 0.2-1.5			0.2-1 / 0.2-1.5			0.5-4 / 0.5-6	
Flexible conductor with tubular bare terminal	[mm ²]			0.25-1.5			0.25-1.5			0.5-6	
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]			0.5- 1.5			0.5- 1.5			0.5-6	
Stripping length	[mm]			8			8			10	
Screw for terminal position: screw type / torque				M 3/0.6-0.8			M 3/0.6-0.8			M 4/1.5-1.8	
Central fastening screw: screw type / torque	[Nm]			-			M 3/0.6-0.8			-	
Insulation material type				PA			PA			PA	
Material flammability according to UL94				V0			V0			V0	
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG			600/30/30-10			-/30-10			600/50/26-8	

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).



Screw Type Fuse Din-Rail Terminal block



JWD1-4RD

Terminal thickness: 8.2

	Rigid conductor (mm ²)	Flexible conductor (mm ²)	I (A)	Ui (V)
IEC 60 947-7-3 Used as a terminal for breaking capacity With fuse	0.2-4 0.2-4	0.2-4 0.2-4	6.3* 6.3*	800 800
Note 1)				
Description	Schematic diagram	Type	Part Number	Package quantity
This fuse terminal can be mounted on the standard mounting rails and can be equipped with a fuse tube (see Page 43 for details).		JWD1-4RD (R055)	5 574 141	25
Terminal with indicator lamp: (the same function as above) With luminous display suitable for:	Voltage (AC / DC) Current			
Terminal with indicator lamp: (the same function as above) With luminous display suitable for:	24V-48V-110V, common for AC / DC 2-3mmA	JWD1-4RD/24V-110V AC/DC	5 574 143	25
Terminal with indicator lamp: (the same function as above) With luminous display suitable for:	5V-12V, common for AC / DC 1.8-9mmA	JWD1-4RD/5V-12V AC/DC	5 574 145	25
Terminal with indicator lamp: (the same function as above) With luminous display suitable for:	220V-380V, common for AC / DC 1.6-4mmA	JWD1-4RD/220V-380V AC/DC	5 574 184	25
(1) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.				
(2) Connecting sheet For central connection of more than 10 digits				
(3) Edge liaison part: Its role is the same as that of the central liaison part; with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits: 	BLS 8/2 BLS 8/3 BLS 8/10	8 582 182 8 582 183 8 582 190	100 100 50
(4) Connecting strip: Used for coupling linkage of the hinge break-away arm		4RD/LT	8 824 101	
(5) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).	White 	2P8	8 868 104	100

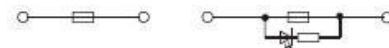
Terminal dimensions

Thickness / width / end plate thickness	[mm]	8.2 / 72.5
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	56.5/64/61.5
Technical data based on IEC/DIN VDE standards		
Fuse type / dimensions & specifications	- / [mm]	(See Page 42 for details.)
Maximum power consumption at 23 °C based on the E DIN VDE 0611-6: 1995-05 standard		Note 1)
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used	[mm ²]	4/4
Rated impulse withstand voltage / degree of pollution	[kV]/-	6/3
Over-voltage category / insulation material group	- / -	III / I
Connection capacity	[mm ²]	
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal		0.25-4 / 0.25-4
Connection of multiple conductors (connecting two conductors with the same cross-sectional area)	[mm ²]	
Rigid conductor / flexible conductor	[mm ²]	0.2-4/0.2-4
Flexible conductor with tubular bare terminal	[mm ²]	0.25-4
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5-2.5
Stripping length		8
Screw type	[Nm]	M3
Torque	[mm]	0.6-0.8
Insulation material type		PA
Material flammability according to UL94		V0

Rated working voltage / rated working current / wire gauge UL[V]/[A]/AWG 800/6.3/26-10

Type G cartridge fuse-link with cylindrical cap ("Fuse Tube" for short)
Fuse terminals with indicator lamp for special voltages can be customized upon the customer's request.

Note 1): Current subject to the fuse tube, and voltage subject to the indicator lamp



- The JWD 1-4RD breaking swing arm fuse terminal has the following feature: the breaking swing arm can be opened upwards and fixed at the stop position; a fuse can be mounted in the breaking swing arm.
- This terminal is divided into two types: terminal with luminous display and terminal without luminous display. For the terminal type with luminous display, the display signal will be sent when the fuse is blown.
- For the fuse terminal with luminous display and the applicable voltage range from 15 V to 240 V, one light emitting diode (LED) is mounted on its breaking swing arm. Multiple breaking swing arms can be connected together by connecting pins, so turning on or off a three-phase AC circuit.
- The JWD 1-4BRD fuse-type terminal has the improved design based on JWD1-4RD. This product has the following feature: compared to the previous product version, its volume is significantly reduced. If the connection position is limited, this terminal can better meet the connection requirement and make the best use of the connection space.
- The JWD1-10RD fuse terminal is designed for the fuses with or without the fuse identification, and with the specification of 6.3x32 mm. It can be connected with the ZL12/... central liaison part. The fuse will be mounted in the nut and both will be screwed into the terminal. The terminal type with luminous display is available. The display signal will be sent when the fuse is blown.
- If Type G fuse is used, refer to the IEC127-6 standard.

IMPORTANT!

The selection of Type G fuse terminal should be based on the maximum power consumption (self-heating temperature increment) of Type G fuse. Additionally, the heating condition of the closed-end fuse terminal should be carefully tested based on the use condition and mounting mode.

A high ambient temperature will lead to the extra load on the fuse. In this case, appropriate correction of the rated working current should be considered.



Screw Type Fuse Din-Rail Terminal block



JWD1-4BRD

Terminal thickness: 8.2

	Rigid conductor (mm ²)	Flexible conductor (mm ²)	I (A)	UI (V)
IEC 60 947-7-3 Used as a terminal for breaking capacity	0.2-4	0.2-4	6.3*	250*
* Current and voltage depend on the fuse.				

Note 1):

Description	Schematic diagram
This fuse terminal can be mounted on the standard mounting rails and and can be equipped with a fuse tube (see Page 43 for details).	
Terminal with indicator lamp: (the same function as above) With luminous display suitable for: Terminal with indicator lamp: (the same function as above) With luminous display suitable for: Terminal with indicator lamp: (the same function as above) With luminous display suitable for: Terminal with indicator lamp: (the same function as above) With luminous display suitable for:	Voltage (AC / DC) Current 2-3 mmA 1.8-9 mmA 1.6-4 mmA
(1) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.	

(2) Connecting sheet
For central connection of more than 10 digits



(3) Edge liaison part:
Its role is the same as that of the central liaison part; with insulation on the back side; 10 digits that can be further divided at will.



(4) Connecting strip:
Used for coupling linkage of the hinge break-away arm



(5) Tag:
It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).



Terminal dimensions

Thickness / width / end plate thickness	[mm]	8.2/59.5
Height (TH 35.7.5 / TH 35.15 / G 32.15)	[mm]	58 / 65.5 / 63

Technical data based on IEC/DIN VDE standards

Fuse type / dimensions & specifications

Maximum power consumption at 23 °C based on the E DIN VDE 0611-6: 1995-05 standard

Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used

Rated impulse withstand voltage / degree of pollution

Over-voltage category / insulation material group

Connection capacity

Flexible conductor with tubular bare terminal / tubular pre-insulated terminal

Connection of multiple conductors (connecting two conductors with the same cross-sectional area)

Rigid conductor / flexible conductor

Flexible conductor with tubular bare terminal

Flexible conductor with DEV-tubular pre-insulated terminal

Stripping length

Screw type

Torque

Insulation material type

Material flammability according to UL94

Rated working voltage / rated working current / wire gauge

Type G cartridge fuse-link with cylindrical cap ("Fuse Tube" for short)

Fuse terminals with indicator lamp for special voltages can be customized upon the customer's request.

Type	Part Number	Package quantity
JWD1-4 BRD	5 574 142	20
(R055) With fuse core		25
BLS 8/2	8 582 182	
BLS 8/3	8 582 183	
BLS 8/10	8 582 190	
BP8	8 868 104	100



JWD1-6RD

Note: The JWD1-6RD fuse terminal is not supplied with a knife blade fuse core which should be purchased separately.

Terminal thickness: 8.2

	Rigid conductor (mm ²)	Flexible conductor (mm ²)	I (A)	UI (V)
IEC 60 947-7-3 Used as a terminal for breaking capacity	0.2-10	0.2-6	30*	250
* Current and voltage depend on the fuse.				

Note 1):

Type	Part Number	Package quantity
JWD1-6RD See Figures 1	93111004	26
The following three types are shown in Figure 2.		
JWD1-6RD/12VDC	93111001	26
JWD1-6RD/24VDC	93111002	26
JWD1-6RD/60VDC	93111003	26
ZL8/10	5 585 140	100
BL8/2	5 582 132	100
BL8/3	5 582 133	100
BL8/10	5 582 140	50
BP8	8 868 104	100



JWD1-10RD

Terminal thickness: 12.2

	Rigid conductor (mm ²)	Flexible conductor (mm ²)	I (A)	UI (V)
IEC 60 947-7-3 Used as a terminal for breaking capacity	0.5-16	0.5-16	10	500 / 800
* Current and voltage depend on the fuse.				

Note 1):

Type	Part Number	Package quantity
JWD1-10RD (R058)	5 574 183	20
JWD1-10RD/24V-110V AC/DC	5 574 185	25
JWD1-10RD/5V-12V AC/DC	5 574 187	25
JWD1-10RD/220V-380V AC/DC	5 574 188	25
ZL 12/10	5 585 160	10
LJ 12/2	5 583 106	20
BL 12/2	5 582 152	100
BL 12/3	5 582 153	100
BL 12/10	5 582 160	50
BP8	8 868 104	100

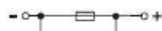


Figure 2

Figure 1

Compliance with the DIN 72 581-3C/ISO 8820 standard
Maximum current of knife blade fuse core: 30 A
Options: 2, 3, 4, 5, 7.5, 10, 15, 20, 30 A

Screw Type Switching Terminal Block for Breaking Capacity

Schematic diagram of Type JWD1-6S switch liaison part

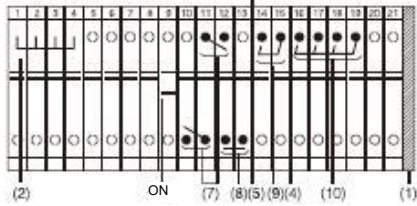
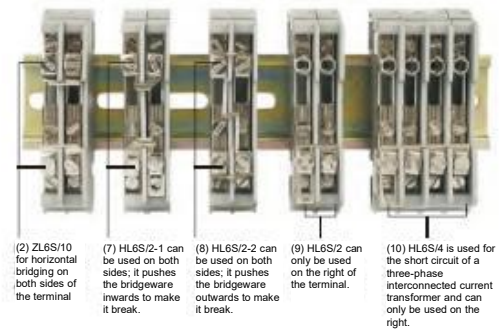
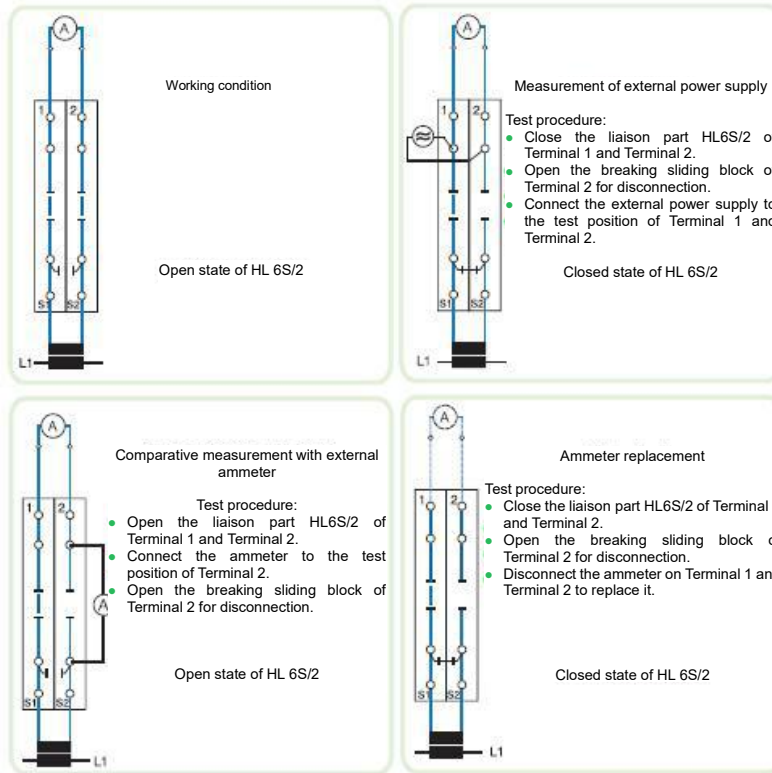


Photo of Type JWD1-6S switch liaison part



Application of JWD1-6S in Single-Phase Current Transformer





Screw Type Switching Terminal Block for Breaking Capacity



JWD1-6S



JWD1-4K



JWD1-6T

Terminal thickness: 8.2

Solid conductor	Stranded conductor	I	UI
(mm ²)	(mm ²)	(A)	(V)
0.5-10	0.5-6	57	400

IEC 60947-7-1

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	UI
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-4	16	800

IEC 60947-7-1

Terminal thickness: 8 Miniature current terminal

Rigid conductor	Flexible conductor	I	UI
(mm ²)	(mm ²)	(A)	(V)
0.2-10	0.2-6	57	500

IEC 60947-7-1

Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Test terminal: With general-purpose locating base, suitable for standard mounting rails and		JWD1-6S	5 574 159	25				JWD1-6T	9311060	50
Switching terminal: With general-purpose locating base, suitable for standard mounting rails and					JWD1-4K	5 574 161	40			
(1) End plate: One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.		6S G	8 050 108	50						
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.		ZL 6S/10	5 585 190	50				JWD9-ZL 8/2	9585122	10
(3) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will.								JWD9-ZL 8/3	9585123	10
(4) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.		6S GP (Thickness 0.8mm)	8 751 104	100				JWD9-ZL 8/4	9585124	10
(5) Group partition: Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)		6S GF (Thickness 0.8mm)	8 750 104	100				JWD9-ZL 8/10	9585130	10
(6) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.								JWD9-BL 8/2	9582122	10
(7) Switch liaison part: It can be used on both sides of the breaking sliding block for two terminals; the strap of the liaison part is pushed inwards to make it break; two screws are supplied.		HL 6S/2-1	5 854 142	10				JWD9-BL 8/3	9582123	10
(8) Switch liaison part: It can be used on both sides of the breaking sliding block for two terminals; the strap of the liaison part is pushed outwards to make it break; two screws are supplied.		HL 6S/2-2	5 854 152	10				JWD9-BL 8/4	9585124	10
(9) Switch liaison part: It is used for two terminals; please note that it can only be used on the right of terminals; two screws are supplied.		HL 6S/2	5 854 162	10				JWD9-BL 8/10	9582130	10
(10) Switch liaison part: It is used for the short circuit of a three-phase interconnected current transformer and can only be used on the right of the terminal; 1) four screws are supplied.		HL 6S/4	5 854 164	10						
(11) Test plug: (12) Conversion test plug: (13) Tag.		ZP8/10	8 868 104	100				JWD9-LJ 8/2	9583103	50
					ZP6	8 868 103	100			
								ZP9.5/8-10	9311061	100

Terminal dimensions				
Thickness / width / end plate thickness	[mm]	8.2/72.2	6.2/51.1	8/51.2
Height (TH 35.7.5 / TH 35.15 / G 32.15)	[mm]	51.5/59/56	58.5 / 66 / 63.5	46/53.5/-
Technical data based on IEC/DIN VDE standards				
Maximum rated working current / cross-sectional area	[A] / [mm ²]	57/10	16/4	57/6
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used	[mm ²]	-	4/4	6/6
Rated impulse withstand voltage / degree of pollution	[kV] / -	6/3	8/3	6/3
Over-voltage category / insulation material group	- / -	III/II	III/I	III/I
Connection capacity				
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]	0.5-6 / 0.5-4	0.25-4 / 0.25-2.5	0.5-6/0.5-4
Connection of multiple conductors (connecting two conductors with the same cross-sectional area)				
Rigid conductor / flexible conductor	[mm ²]	0.5-2.5/0.5-6	0.2-1.5/0.2-1.5	0.5-2.5/0.5-6
Flexible conductor with tubular bare terminal	[mm ²]	0.5-4	0.25-1.5	0.5-4
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5-4	0.5-2.5	0.5*
Stripping length	[mm]	13	8	12
Screw for terminal position: screw / torque	[Nm]	M4/1.5-1.8	M 3/0.6-0.8	M4/1.5-1.8
Screw for breaking sliding block: screw / torque	[Nm]	M3.5/1.0-1.3	-	-
Insulation material type		PA	PA	PA
Material flammability according to UL94		V0	V0	V0
Rated working voltage / rated working current / wire gauge	UL[V]/[A]/AWG	300/50/26-8	600/15/22-12	300/50/26-8



Screw Type double layer Din-Rail Terminal block



JWD1-2.5/2

(upper layer for contact)



JWD1-2.5/2L

(upper and lower layers for contact)

Terminal thickness: 5.2

Rigid conductor	Flexible conductor	I	UI
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	24	500

IEC 60947-7-1

Terminal thickness: 5.2

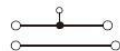
Rigid conductor	Flexible conductor	I	UI
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	24	500

IEC 60947-7-1

- The double-layer terminal has the double connection capacity in the same spatial position compared to the basic-type terminal. This plays a crucial role in the applications where the connection space is limited.
- In terms of design, there is a 2.5 mm space between the upper and lower layers of the double-layer terminal. This provides a well-arranged hierarchical structure. Besides, in case of full connection in the upper layer, this can also facilitate connection with screwdriver in the lower layer of the terminal, with clear identification; after a compensating end plate is mounted, the terminal locating and fastening of the terminal strip or the assembly of other types of terminals will not be affected, and orderly arrangement can be ensured.
- The double-layer interconnected terminal can connect multiple conductors to one terminal in order to achieve "potential distribution" or due to a loop branch. This avoids the need for adjacent arrangement of multiple terminal groups and for electric connection via a central liaison part because both solutions will increase the installation space and costs.
- The yellow-green closed-end insulating housings of the double-layer ground terminal has the same configuration as the double-layer terminal, so their compatible adjacent arrangement is possible.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD1-2.5/2	5 574 193	60	JWD1-2.5/2 L	5 574 162	60
	Blue		JWD1-2.5/2 BU	5 574 194	60	JWD1-2.5/2L BU	5 574 163	60
Top and bottom interconnected terminals: The mounting and use methods are the same as above; the conducting plates in the upper and lower layers are interconnected to achieve the same potential of top and bottom connecting points.	Grey							
	Blue							
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey		2.5-4/2 G	8 050 110	50	2.5-4/2 LG	8 050 112	50
	Blue		2.5-4/2 G BU	8 050 111	50	2.5-4/2 LG BU	8 050 113	50
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.	Grey		2.5-4/2BD	8 053 101	50	2.5-4/2LBD	8 053 103	50
	Blue		2.5-4/2BD BU	8 053 102	50	2.5-4/2LBD BU	8 053 104	50
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.			2.5-4/2 BD-1	8 053 105	50	2.5-4/2L BD-1	8 053 106	50
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZLB5/10	5 585 310	50	ZLB5/10	5 585 310	50
(5) Connecting sheet: For central connection of more than 10 digits			LJ 5/2	5 583 102	100	LJ 5/2	5 583 102	100
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		BL5/2	5 582 112	200	BL5/2	5 582 112	200
			BL5/3	5 582 113	200	BL5/3	5 582 113	200
			BL5/10	5 582 120	100	BL5/10	5 582 120	100
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL5/10	5 584 120	50	KL5/10	5 584 120	50
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal			KB5	8 510 105	2000	KB5	8 510 105	2000
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1	8 751 102	500	GP-1	8 751 102	500
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			2.5-4/2 GF	8 750 108	50	2.5-4/2 LG F	8 750 107	50
(11) Tag:			ZP5	8 868 102	100	ZP5	8 868 102	100
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		5.2/56/2.5			5.2/67/2.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		62/69.5/67			62 / 69.5 / 67		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4			32/4		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		2.5/2.5			2.5/2.5		
Rated impulse withstand voltage / degree of pollution	[kV]-/-		6/3			6/3		
Over-voltage category / insulation material group	-/-		III/II			III/II		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-2.5 / 0.25-1.5			0.25-2.5/0.25-1.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		0.2-1/0.2-1.5			0.2-1/0.2-1.5		
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1.5			0.25-1.5		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1			0.5-1		
Stripping length	[mm]		8			8		
Screw type			M3			M3		
Torque	[Nm]		0.6-0.8			0.6-0.8		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG		600/20/28-12			600/20/28-12		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).





Screw Type double layer Din-Rail Terminal block



JWD1-4/2

(upper layer for contact)



JWD1-4/2 SJ

(interconnection of upper and lower layers) (upper layer for contact)

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-4	24 32* 500

Terminal thickness: 6.2

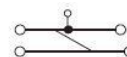
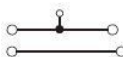
Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-4	32* 500

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails 35.7 and 35.0	Grey Blue		JWD1-4/2 JWD1-4/2 BU	5 574 164 5 574 165	50 50			
Top and bottom interconnected terminals: The mounting and use methods are the same as above; the conducting plates in the upper and lower layers are interconnected to achieve the same potential of top and bottom connecting points.	Grey Blue					JWD1-4/2 SJ JWD1-4/2 SJ BU	5 574 166 5 574 167	50 50
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey Blue		2.5-4/2 G 2.5-4/2 G BU	8 050 110 8 050 111	50 50	2.5-4/2 G 2.5-4/2 G BU	8 050 110 8 050 111	50 50
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.	Grey Blue		2.5-4/2BD 2.5-4/2BD BU	8 053 101 8 053 102	50 50	2.5-4/2BD 2.5-4/2BD BU	8 053 101 8 053 102	50 50
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.			2.5-4/2 BD-1	8 053 105	50	2.5-4/2L BD-1	8 053 106	50
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL 6/10	5 585 130	50	ZL6/10	5 585 130	10
(5) Connecting sheet: For central connection of more than 10 digits			LJ 6/2	5 583 103	100	LJ 6/2	5 583 103	100
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130	200 200 100	BL6/2 BL6/3 BL6/10	5 582 122 5 582 123 5 582 130	200 200 100
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL 6/10	5 584 130	50	KL6/10	5 584 130	50
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal			K6	8 510 103	500	K6	8510 103	500
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1	8 751 102	500	GP-1	8 751 102	500
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			2.5-4/2 GF	8 750 108	50	2.5-4/2 GF	8 750 108	50
(11) Tag:			ZP6	8 868 103	100	ZP6	8 868 103	100

Terminal dimensions			
Thickness / width / end plate thickness	[mm]	6.2/56/2.5	6.2/56/2.5
Height (TH 35.7.5 / TH 35.15 / G 32.15)	[mm]	62/69.5/67	62/69.5/67
Technical data based on IEC/DIN VDE standards			
Maximum rated working current / cross-sectional area	[A] / [mm ²]	32/4	32/4
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]	4/2.5	4/2.5
Rated impulse withstand voltage / degree of pollution	[kV] / -	6/3	6/3
Over-voltage category / insulation material group	- / -	III/II	III/II
Connection capacity			
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]	0.25-4/0.25-2.5	0.25-4 / 0.25-2.5
Connection of multiple conductors (two conductors with the same cross-sectional area)			
Rigid conductor / flexible conductor	[mm ²]	0.2-1.5/ 0.2-1.5	0.2-1.5/0.2-1.5
Flexible conductor with tubular bare terminal	[mm ²]	0.25-1.5	0.25-1.5
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]	0.5-1.5	0.5-1.5
Stripping length	[mm]	8	8
Screw type		M3	M3
Torque	[Nm]	0.6-0.8	0.6-0.8
Insulation material type		PA	PA
Material flammability according to UL94		V0	V0
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG	600/30/26-10	600/30/24-12

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).



Screw Type double layer Din-Rail Terminal block



JWD1-4/2L

(upper layer for contact)



JWD1-4/2LSJ

(interconnection of upper and lower layers) (upper layer for contact)

Terminal thickness: 6.2

	Rigid conductor	Flexible conductor	I	UI
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-4	32	500

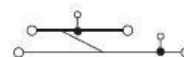
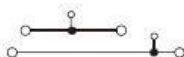
Terminal thickness: 6.2

	Rigid conductor	Flexible conductor	I	UI
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-4	32*	500

* The total current of all the connected conductors should not exceed the maximum rated working current of the terminal.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails 15.0 and 17.5	Grey Blue		JWD1-4/2 L JWD1-4/2L BU	5 574 189 5 574 190	50 50			
Top and bottom interconnected terminals: The mounting and use methods are the same as above; the conducting plates in the upper and lower layers are interconnected to achieve the same potential of top and bottom connecting points.	Grey Blue					JWD1-4/2LSJ JWD1-4/2LSJ BU	5 574 191 5 574 192	50 50
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey Blue		2.5-4/2 LG 2.5-4/2 LG BU	8 050 112 8 050 113	50 50	2.5-4/2 LG 2.5-4/2 LG BU	8 050 112 8 050 113	50 50
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.	Grey Blue		2.5-4/2LBD 2.5-4/2LBD BU	8 053 103 8 053 104	50 50	2.5-4/2LBD 2.5-4/2LBD BU	8 053 103 8 053 104	50 50
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.			2.5-4/2 LBD-1	8 053 106	50	2.5-4/2 LBD-1	8 053 106	50
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL6/10	5 585 130	50	ZL6/10	5585 130	50
(5) Connecting sheet: For central connection of more than 10 digits			LJ 6/2	5 583 103	100	LJ 6/2	5 583 103	100
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		BL6/2 BL6/3 BL6/10	5 582 122 5 582 123 5 582 130	200 200 100	BL6/2 BL6/3 BL6/10	5 582 122 5 582 123 5 582 130	200 200 100
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.			KL6/10	5 584 130	50	KL6/10	5 584 130	50
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal			K6	8 510 103	500	K6	8510 103	500
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1	8 751 102	500	GP-1	8 751 102	500
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)			2.5-4/2 GF	8 750 108	50	2.5-4/2 GF	8 750 108	50
(11) Tag:			ZP6	8 868 103	100	ZP6	8 868 103	100
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		6.2/67/2.5			6.2/67/2.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		62 / 69.5 / 67			62/69.5/67		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4			32/4		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		4/2.5			4/2.5		
Rated impulse withstand voltage / degree of pollution	[kV]/-		6/3			6/3		
Over-voltage category / insulation material group	-/-		III/I			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25*/0.25-2.5			0.25* / 0.25-2.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		0.2-1.5/0.2-1.5			0.2-1.5 / 0.2-1.5		
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1.5			0.25-1.5		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1.5			0.5-1.5		
Stripping length	[mm]		8			8		
Screw type			M3			M3		
Torque	[Nm]		0.6-0.8			0.6-0.8		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG		500/30/26-12			500/30/26-12		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).





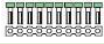
Screw Type double layer Din-Rail Terminal block



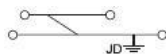
JWD1-4/2JD

Terminal thickness: 6.2

	Rigid conductor	Flexible conductor
	(mm ²)	
IEC 60947-7-2	0.2-4	0.2-4

Description	Color	Schematic diagram	Type	Part Number	Package quantity
Ground Terminal: The yellow-green insulating housings are suitable for the standard mounting rails  and 	Yellow-green		JWD1-4/2 JD	5 574 168	50
Top and bottom interconnected terminals: The mounting and use methods are the same as above; the conducting plates in the upper and lower layers are interconnected to achieve the same potential of top and bottom connecting points.	Grey Blue				
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey Blue				
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.	Grey Blue		2.5-4/2BD 2.5-4/2BD BU	8 053 101 8 053 102	50 50
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.			2.5-4/2 BD-1	8 053 105	50
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.					
(5) Connecting sheet: For central connection of more than 10 digits					
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:		BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130	200 200 100
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center to form a jumping liaison terminal group.					
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal					
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.					
(10) Group partition: (thickness: 1.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)					
(11) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will).			ZP6	8 868 103	100
Terminal dimensions					
Thickness / width / end plate thickness	[mm]		6.2 / 56/-		
Height (TH 35.7.5 / TH 35.15 / G 32.15)	[mm]		62/69.5/67		
Technical data based on IEC/DIN VDE standards					
Maximum rated working current / cross-sectional area	[A] / [mm ²]		-		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		-		
Rated impulse withstand voltage / degree of pollution	[kV] / -		6/3		
Over-voltage category / insulation material group	- / -		III/I		
Connection capacity					
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-4 / 0.25-2.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)					
Rigid conductor / flexible conductor	[mm ²]		0.2-1.5/0.2-1.5		
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1.5		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1.5		
Stripping length	[mm]		8		
Screw type			M3		
Torque	[Nm]		0.6-0.8		
Insulation material type			PA		
Material flammability according to UL94			V0		
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG		-/-26-10		

Note: When an edge liaison part is used, a cable below 1.5 mm² should be used for a 2.5 mm² terminal; corresponding cables should be used for terminals with other cross-sectional areas (mm²).



JGD photoelectric coupling series terminals

- With the continuous improvement of the automation degree, the isolation between control and field circuits is increasingly important. As the core of an automatic control system, the control unit must be reliably isolated from various sensors and actuators to avoid interference. Our photocoupler module can well perform the function above and can also be used for peripheral equipment control during process control. It serves as interface element between signal and an adjusting device matching the connection and is applicable to different voltage and power ranges. As the photocoupler can offer the necessary secure interface and has the following features, it has a wide range of applications.

- > Low signal loss on the control site
- > High switching frequency
- > Free of contact chatter
- > No impact from vibration
- > No impact from position
- > Without mechanical components
- > Long service life
- > High isolation voltage

- Thanks to the advantages above, the photocoupler is another coupled mode in addition to the electric coupler.



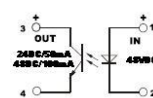
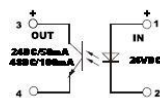
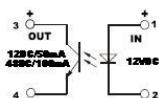
JGD-12DC/24-48DC/50-100



JGD-24DC/24-48DC/50-100



JGD-48DC/24-48DC/50-100



Part Number		5 574 351	5 574 352	5 574 353
Input	Technical Data			
	Input voltage	12VDC±20%	24VDC±20%	48VDC±20%
	Connected voltage	About 8.2V	About 17V	About 33V
	Input current	≤8mA	≤7mA	≤5mA
	Maximum input power	105mW	200mW	280mW
Output	Output voltage	24-48VDC	24-48VDC	24-48VDC
	Maximum output current	24DC/50mA 48DC/100mA	24DC/50mA 48DC/100mA	24DC/50mA 48DC/100mA
	Minimum output current	10uA	10uA	10uA
	Maximum motion frequency pulse ratio 1:2	300Hz	300Hz	300Hz
	Voltage drop under the maximum load	≤1V	≤1V	≤1V
Pickup delay		20μS	20μS	20μS
Return delay		200 μS	200 μS	200 μS
Insulation parameter				
Rated voltage		300V	300V	300V
Rated impulse voltage		2.5KV	2.5KV	2.5KV
Over-voltage category		III	III	III
Degree of pollution		2	2	2
Clearance and creepage distance		≥3.2mm	≥3.2mm	≥3.2mm
Working temperature: without gap		-25°C~+40°C	-25°C~+40°C	-25°C~+40°C
With gap		-25°C~+50°C	-25°C~+50°C	-25°C~+50°C
Storage temperature		-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Applicable conductor		AWG 24-14	AWG 24-14	AWG 24-14
Cross-sectional area of applicable conductor		0.5- 4 mm ²	0.5- 4 mm ²	0.5- 4 mm ²
Overall dimensions				
Thickness / width / height (mm)		6.2/66/60mm	6.2/66/60mm	6.2/66/60mm
End plate		G-JGD(JC)	G-JGD (JC)	G-JGD (JC)
Tag		8868103	ZP6	ZP6
Edge connecting part		BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10



JGD photoelectric coupling series terminals



JGD-110AC/24-48DC/50-100



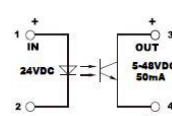
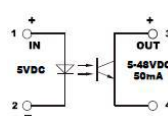
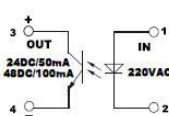
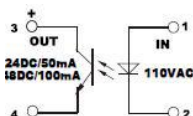
JGD-220AC/24-48DC/50-100



JGD-5DC/5-48DC/50



JGD-24DC/5-48DC/50



Part Number	5 574 354	5 574 355	5574357	5574356
Technical Data				
Input voltage	110VAC±20%	220VAC±20%	5VDC+10 %	24VDC+20%
Connected voltage	About 75VDC/80VAC	About 160VDC/170VAC	> 0.7 rated input voltage	> 0.7 rated input voltage
Input current	≤4mA	≤3mA	< 2.5mA	< 7mA
Maximum input power	480mW	720mW	200mW	200mW
Output voltage	24-48VDC	24-48VDC	5-48V	5-48V
Maximum output current	24DC/50mA 48DC/100mA	24DC/50mA 48DC/100mA	50mA	50mA
Minimum output current	10uA	10uA	50mA	10 μA
Maximum motion frequency				
pulse ratio	AC: 3Hz/dc:20Hz	AC: 3Hz/DC:20Hz	100Hz	400Hz
Voltage drop under the maximum load	≤1V	≤1V	<1V	<1V
Pickup delay	20μS	20μS	100 μS	20 μS
Return delay	200 μS	200 μS	100 μS	200 μS
Insulation parameter				
Rated voltage	300V	300V	300V	300V
Rated impulse voltage	2.5KV	2.5KV	2.5KV	2.5KV
Over-voltage category	III	III	III	III
Degree of pollution	2	2	2	2
Clearance and creepage distance	≥ 3.2mm	≥ 3.2mm	≥3.2mm	≥ 3.2mm
Working temperature: without gap	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C
With gap	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C
Storage temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Applicable conductor	AWG 24-14	AWG 24-14	AWG 24-14	AWG 24-14
Cross-sectional area of applicable conductor	0.5~ 4 mm²	0.5 ~ 4 mm²	0.5 ~ 4 mm²	0.5 ~ 4 mm²
Overall dimensions				
Thickness / width / height (mm)	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm
End plate	G-JGD(JC) 910242	G-JGD (JC) 910242	G-JGD (JC) 910242	G-JGD (JC) 910242
Tag	8868103 ZP6	ZP6	ZP6	ZP6
Edge connecting part	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10

JGD photoelectric coupling series terminals



JGD-24DC/24-220V/50



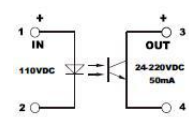
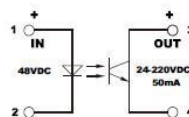
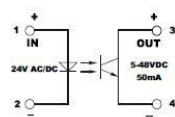
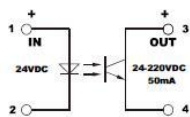
JGD-24AC/DC/5-48V/50



JGD-48DC/24-220V/50



JGD-110DC/24-220V/50



Part Number	9311233	9311234	9311235	9311236
Technical Data				
Input voltage	24VDC ±10%	24 V AC/DC±10%	48VDC ±10%	100VDC±10%
Input current	≤ 2.1mA	≤ 2.1mA	≤ 2.1mA	≤ 2.1mA
Output voltage	24-220VDC	5-48VDC	24-220VDC	24-220VDC
Output current	50 mA	50mA	50mA	50mA
Minimum output current	50μA	50μA	50μA	50μA
Maximum working frequency	100Hz	DC:20Hz AC:5Hz	100Hz	100Hz
Turn-on time	≤100μs	≤20ms	≤100μs	≤100μs
Turn-off time	≤100μs	≤20ms	≤100μs	≤100μs
Voltage drop at the maximum load time	≤1V	≤1V	≤1V	≤1V
Maximum motion frequency pulse ratio	1:2	1:2	1:2	1:2
Return delay				
Insulation parameter				
Rated voltage	300V	300V	300V	300V
Rated impulse voltage	2.5KV	2.5KV	2.5KV	2.5KV
Over-voltage category	III	III	III	III
Degree of pollution	2	2	2	2
Clearance and creepage distance	≥3.2mm	≥3.2mm	≥3.2mm	≥3.2mm
Working temperature: without gap	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C
With gap	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C
Storage temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Applicable conductor	AWG 24-14	AWG 24-14	AWG 24-14	AWG 24-14
Cross-sectional area of applicable conductor	0.5~ 4 mm ²	0.5~ 4 mm ²	0.5~ 4 mm ²	0.5~ 4mm ²
Overall dimensions				
Thickness / width / height (mm)	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm
End plate	G-JGD(JC) 910242	G-JGD(JC) 910242	G-JGD(JC) 910242	G-JGD(JC) 910242
Tag	8868103 ZP6	ZP6	ZP6	ZP6
Edge connecting part	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10	BL6/2 BL6/3 BL6/10



JGD photoelectric coupling series terminals



JGD-110AC/DC/5-48V/50



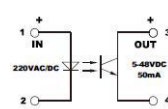
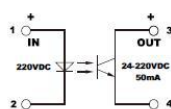
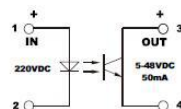
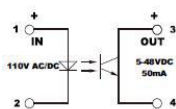
JGD-220DC/5-48V/50



JGD-220DC/24-220V/50



JGD-220AC/DC/5-48V/50



Part Number	9311237	9311238	9311239	9311240
Technical Data				
Input voltage	110V AC/DC±10%	220VDC±10	220VDC±10%	220V AC/DC±10%
Input current	≤ 2.1mA	≤ 2.1mA	≤2.1mA	≤ 2.1mA
Output voltage	5-48VDC	5-48VDC	24-220VDC	5-48VDC
Output current	50 mA	50mA	50mA	50mA
Minimum output current	50μA	50μA	50μA	50μA
Maximum working frequency	DC:20Hz AC:5Hz	100Hz	100Hz	DC:20Hz AC:5Hz
Turn-on time	≤20ms	≤100μs	≤100μs	≤20ms
Turn-off time	≤20ms	≤100μs	≤100μs	≤20ms
Voltage drop at the maximum load time	≤1V	≤1V	≤1V	≤1V
Maximum motion frequency pulse ratio	1:2	1:2	1:2	1:2
Return delay				
Insulation parameter				
Rated voltage	300V	300V	300V	300V
Rated impulse voltage	2.5KV	2.5KV	2.5KV	2.5KV
Over-voltage category	III	III	III	III
Degree of pollution	2	2	2	2
Clearance and creepage distance	≥ 3.2mm	≥ 3.2mm	≥3.2mm	≥ 3.2mm
Working temperature: without gap	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C	-25°C~+40°C
With gap	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C	-25°C~+50°C
Storage temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Applicable conductor	AWG 24-14	AWG 24-14	AWG 24-14	AWG 24-14
Cross-sectional area of applicable conductor	0.5 ~ 4 mm ²	0.5~ 4 mm ²	0.5~ 4 mm ²	0.5 ~ 4 mm ²
Overall dimensions				
Thickness / width / height (mm)	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm	6.2/66/60mm
End plate	G-JGD (JC)	G-JGD(JC)	G-JGD (JC)	G-JGD (JC)
Tag	8868103			
Edge connecting part	ZP6 BL6/2 BL6/3 BL6/10	ZP6 BL6/2 BL6/3 BL6/10	ZP6 BL6/2 BL6/3 BL6/10	ZP6 BL6/2 BL6/3 BL6/10

JGD High-Current photoelectric coupling series terminals

The input and output of Type JGD large-current photocoupler terminal fully achieves electric isolation. It features excellent interference immunity and large output current. It has a wide range of applications such as level conversion, signal isolation and pulse amplification.

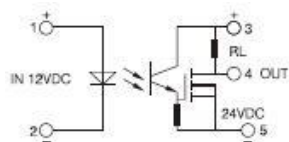


JGD-12V DC/24/1

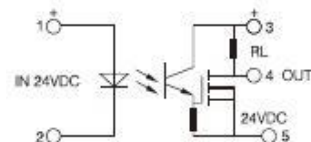


JGD-24V DC/24/1

Electrical Schematic Diagram



Electrical Schematic Diagram



Technical Data	Type	Part Number	Type	Part Number
Input voltage	JGD-12V DC/24/1	910230	JGD-24V DC/24/1	910231
Input current	12V DC $\pm 10\%$		24V DC $\pm 10\%$	
Output voltage	$\leq 10\text{mA}$		$\leq 10\text{mA}$	
Output current	24V DC		24V DC	
Minimum output current	1A		1A	
Maximum motion frequency	50 n A		50 m A	
Turn-on time	100Hz		100Hz	
Turn-off time	$\leq 100\mu\text{s}$		$\leq 100\mu\text{s}$	
Voltage drop under the maximum load	$\leq 100\mu\text{s}$		$\leq 100\mu\text{s}$	
	$\leq 1\text{V}$		$\leq 1\text{V}$	
Insulation parameter				
Rated impulse voltage	4KV		4KV	
Over-voltage type	V1		V1	
Degree of pollution	2		2	
Clearance and creepage distance	$\geq 3\text{mm}$		$\geq 3\text{mm}$	
Working temperature	$-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$		$-25^{\circ}\text{C} \sim +40^{\circ}\text{C}$	
Cross-sectional area	$0.5\text{mm}^2 \sim 4\text{mm}^2$		$0.5\text{mm}^2 \sim 4\text{mm}^2$	
Overall dimensions				
Width / thickness / height (mm)	77.5 / 6.2 / 60		77.5/6.2/60	
End plate	G-JGD(JZ)	910234	G-JGD(JZ)	910234
Edge liaison part				
2 digits	BL6/2	5582122	BL6/2	5582122
3 digits	BL6/3	5582123	BL6/3	5582123
10 digits	BL6/10	5582130	BL6/10	5582130

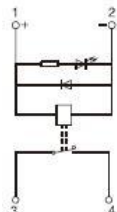
Normal Open (NO) Relay Terminal

- This normally open (NO) relay coupler terminal is based on a small relay and is used as peripheral equipment for process control to ensure the match between level and power. It is practical and easy to use.



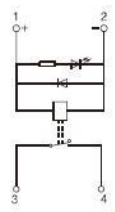
JWD1-JC 5V DC

Electrical Schematic Diagram



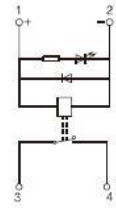
JWD1-JC 12V DC

Electrical Schematic Diagram



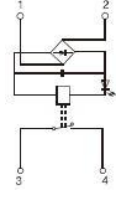
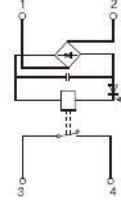
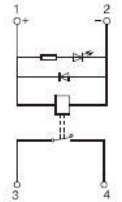
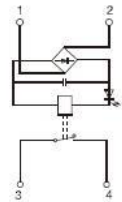
JWD1-JC 24V DC

Electrical Schematic Diagram



	Type	Part Number	Type	Part Number	Type	Part Number
	JWD1-JC5VDC	910235	JWD1-JC12VDC	910236	JWD1-JC24VDC	910237
Technical Data						
Input voltage	5VDC±10%		12VDC±10%		24V DC ± 10%	
Input current	About 24 mA		About 10 mA		About 7.5 mA	
Pull-in voltage	≤ 75% Un		75% Un max		75% Un max	
Release voltage	≥ 5% Un		5% Un max		5% Un max	
Pull-in time	≤ 8ms		8ms		8ms	
Releasing time	≤ 5ms		4ms		4ms	
Maximum output voltage	250V AC/30V DC		250VAC/30VDC		250VAC/30VDC	
Maximum output current	3A		3A		3A	
Maximum motion frequency (rated load)	1200 times/hour		1200 times/hour		1200 times/hour	
Contact material	AgCdo		AgCdo		AgCdo	
Mechanical life	2x10 ⁷		2X10 ⁷		2X10 ⁷	
Electrical life	1x10 ⁵		1X10 ⁵		1X10 ⁵	
Insulation parameter						
Coil / contact	2500V AC		2500V AC		2500V AC	
Contact / contact (normally open)	1000V AC		1000V AC		1000V AC	
Degree of pollution	2		2		2	
Cross-sectional area	0.5 mm ² - 4 mm ²		0.5 mm ² - 4 mm ²		0.5 mm ² - 4 mm ²	
Overall dimensions						
Width / thickness / height (mm)	66/6.2/60		66/6.2/60		66/6.2/60	
End plate	G-JGD(JC)	910242	G-JGD(JC)	910242	G-JGD(JC)	910242
Edge liaison part						
2 digits	BL6/2	5582122	BL6/2	5582122	BL6/2	5582122
3 digits	BL6/3	5582123	BL6/3	5582123	BL6/3	5582123
10 digits	BL6/10	5582130	BL6/10	5582130	BL6/10	5582130

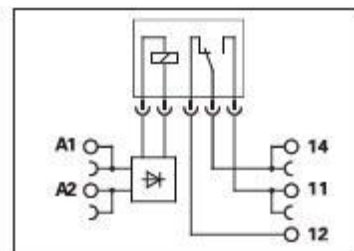
Normal Open (NO) Relay Terminal


JWD1-JC 24V AC/DC
JWD1-JC 48V DC
JWD1-JC 110V AC/DC
JWD1-JC 220V AC
Electrical Schematic Diagram
Electrical Schematic Diagram
Electrical Schematic Diagram
Electrical Schematic Diagram


	Type	Part Number	Type	Part Number	Type	Part Number	Type	Part Number
Technical Data	JWD1-JC24VAC/DC	910238	JWD1-JC 48V DC	910239	JWD1-JC 110V AC/DC	910240	JWD1-JC 220V AC	910241
Input voltage	24VAC/DC±10%		48V DC ± 10%		110VAC/DC±10%		220V AC ±10%	
Input current	About 7.8 mA		About 6 mA		About 6 mA		About 6 mA	
Pull-in voltage	75% Un max		75% Un max		75% Un max		75% Un max	
Release voltage	5% Un max		5% Un max		5% Un max		5% Un max	
Pull-in time	8ms		8ms		10ms		10ms	
Releasing time	4ms		4ms		5ms		5ms	
Maximum output voltage	250VAC/30VDC		250VAC/30VDC		250V AC/30V DC		250V AC/30V DC	
Maximum output current	3A		3A		3A		3A	
Maximum motion frequency (rated load)	1200 times/hour		1200 times/hour		1200 times/hour		1200 times/hour	
Contact material	AgCdo		AgCdo		AgCdo		AgCdo	
Mechanical life	2X10 ⁷		2X10 ⁷		2X10 ⁷		2X10 ⁷	
Electrical life	1X10 ⁵		1X10 ⁵		1X10 ⁵		1X10 ⁵	
Insulation parameter								
Coil / contact	2500V AC		2500V AC		2500V AC		2500V AC	
Contact / contact (normally open)	1000V AC		1000V AC		1000V AC		1000V AC	
Degree of pollution	2		2		2		2	
Cross-sectional area	0.5 mm ² - 4 mm ²		0.5 mm ² - 4 mm ²		0.5 mm ² - 4 mm ²		0.5 mm ² - 4 mm ²	
Overall dimensions								
Width / thickness / height (mm)	66/6.2/60		66/6.2/60		66/6.2/60		66/6.2/60	
End plate	G-JGD(JC)	910242	G-JGD(JC)	910242	G-JGD(JC)	910242	G-JGD(JC)	910242
Edge liaison part								
2 digits	BL 6/2	5582122	BL 6/2	5582122	BL 6/2	5582122	BL 6/2	5582122
3 digits	BL 6/3	5582123	BL 6/3	5582123	BL 6/3	5582123	BL 6/3	5582123
10 digits	BL 6/10	5582130	BL 6/10	5582130	BL 6/10	5582130	BL 6/10	5582130

PLC series relay terminals

**PLC Relay Coupler
Conversion Terminal**
This relay coupler terminal is a type of modular interface product developed for the programmable logic controller (PLC). It saves space and facilitates connection. There is no need to remove any wire while the relay is replaced.



IEC 60947-7-1

PLC Relay Terminal Series

Type	Input voltage (V)	Input current (mA)	Contact type	Maximum switching current (A)	Overall dimensions Width / thickness / height (mm)	Part Number	Plug-in bridgeware	Part Number	Tag
PLC-RI 5VDC	5VDC	26	Type I conversion	6	88.2/6.2/76.6	910330			ZP6
PLC-RI 12VDC	12VDC	13	Type I conversion	6	88.2/6.2/76.6	910331	FBS 20 digits, red	9311127	ZP6
PLC-RI 24VDC	24VDC	10	Type I conversion	6	88.2/6.2/76.6	910332			ZP6
PLC-RI 48VDC	48VDC	8	Type I conversion	6	88.2/6.2/76.6	910333	FBS 20 digits, blue	9311128	ZP6
PLC-RI 110VDC	110VDC	5	Type I conversion	6	88.2/6.2/76.6	910334			ZP6
PLC-RI 220VDC	220VDC	5	Type I conversion	6	88.2/6.2/76.6	910335	FBS 20 digits, black	9311129	ZP6
PLC-RI 110VAC	110VAC	6	Type I conversion	6	88.2/6.2/76.6	910336			ZP6
PLC-RI 220VAC	220VAC	6	Type I conversion	6	88.2/6.2/76.6	910337			ZP6

Input		Output	
Input voltage	DC: 5V,12V,24V,48V,110V,220V AC: 110V,220V	Maximum switching voltage	250VAC/30VDC
		Maximum switching current (resistive load)	6A
Operation voltage	DC ≤75%, AC ≤80%	Maximum switching power	1500VA/180W
Return voltage	DC ≥5%, AC ≥10 %	Maximum motion frequency	360 times/hour
Actuation time	≤8ms	Contact material	Silver alloy
Return time	≤4ms		

Withstand voltage test		Other		Environment / mounting	
Winding / contact	2000VAC/1min	Mechanical life / electrical life	10 ⁷ /10 ⁵	Ambient working temperature	-10°C ~ +55°C
Contact	1000VAC/1min	Degree of pollution	3	Storage temperature	-25°C ~ +70°C
				Mounting mode	TH35:7.5 guide rail
				Product dimensions	80 * 6.2 * 95

Note: If you want to order the PLC relay coupler terminal with rated voltage, please specify the following information (*).

Examples: *PLC-RI 5VDC

* PLC relay coupler terminal series with rated voltage, with the delivery term of 30 days



Screw Type Double Layer Unidirectional Conducting Din-Rail Terminal block



JWD1-4/2 DT/S-X JWD1-4/2 DT/X-S

(from top to bottom)

(from bottom to top)

JWD1-4/2 DT/XZ-XY

(lower layer: from left to right)

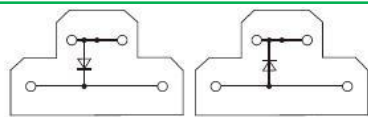
1) Maximum current subject to the diode used

		Terminal thickness: 6.2				Terminal thickness: 6.2				
		Rigid conductor	Flexible conductor	I	Ui	Rigid conductor	Flexible conductor	I	Ui	
		(mm²)		(A)	(V)	(mm²)		(A)	(V)	
Ratings		0.2-4	0.2-4	32 ¹⁾	500	Ratings	0.2-4	0.2-4	32 ¹⁾	500
Description	Schematic diagram	Type	Part Number	Package quantity		Type	Part Number	Package quantity		
Unidirectional conducting terminal: Connect a rectifier diode between the conducting plates in the upper and lower layers, or between the conducting plates in the lower layer (see the schematic diagram).		JWD1-4/2 DT/S-X	5 574 198	50		JWD1-4/2 DT/XZ-XY	5 574 195	50		
		JWD1-4/2 DT/X-S	5 574 199	50						
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.		2.5-4/2 G	8 050 110	50		2.5-4/2 G	8 050 110	50		
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.		2.5-4/2 BD	8 053 101	50		2.5-4/2 BD	8 053 101	50		
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.		2.5-4/2 BD-1	8 053 105	50		2.5-4/2 BD-1	8 053 105	50		
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.		ZL6/10	5 585 130	50		ZL6/10	5 585 130	50		
(5) Connecting sheet: For central connection of more than 10 digits		LJ 6/2	5 583 103	100		LJ 6/2	5 583 103	100		
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits:  3 digits:  10 digits: 	BL 6/2	5 582 122	200		BL 6/2	5 582 122	200		
		BL 6/3	5 582 123	200		BL 6/3	5 582 123	200		
		BL 6/10	5 582 130	100		BL 6/10	5 582 130	100		
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center.		KL 6/10	5 584 130	50		KL 6/10	5 584 130	50		
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal		K6	8 510 103	500		K6	8 510 103	500		
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.		GP-1	8 751 102	500		GP-1	8 751 102	500		
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)		2.5-4/2 GF	8 750 108	50		2.5-4/2 GF	8 750 108	50		
(11) Tag: 		ZP6	8 868 103	100		ZP6	8 868 103	100		
Terminal dimensions										
Thickness / width / end plate thickness	[mm]	6.2/56/2.5				6.2/56/2.5				
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	62/69.5/67				62/69.5/67				
Technical data based on IEC/DIN VDE standards										
Maximum rated working current / cross-sectional area	[A] / [mm²]	32/4				32/4				
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm²]	4/2.5				4/2.5				
Rated impulse withstand voltage / degree of pollution	[kV] / -	6/3				6/3				
Over-voltage category / insulation material group	- / -	III/I				III/I				
Stripping length	[mm]	8				8				
Screw type		M3				M3				
Torque	[Nm]	0.6-0.8				0.6-0.8				
Insulation material type		PA				PA				
Material flammability according to UL94		V0				V0				
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG	-				-				

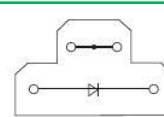
Notes:

1. Type JWD1-4/2L DT/... unidirectional conducting terminal is also available.
2. If the customer needs the current of 3 A, two diodes can be connected in parallel.

Diode model: IN4007 Diode model: RL207
Reverse breakdown voltage: 1000 V Reverse breakdown voltage: 1000 V
Maximum persistent current: 1 A Maximum persistent current: 2 A



JWD1-4/2 DT/S-X JWD1-4/2 DT/X-S
Applications as follow current protection of relay coil and solenoid valve



JWD1-4/2 DT/XZ-XY
Applications as power supply and reverse polarity protection

Screw Type Double Layer Unidirectional Conducting Din-Rail Terminal block



JWD1-4/2 DT/S-XZ/XY-XZ

(from top to left bottom, from right bottom to left bottom)



JWD1-4/2 DT/S-XZ/S-XY

(from top to left bottom, from top to right bottom)

1) Maximum current subject to the diode used

		Terminal thickness: 6.2				Terminal thickness: 6.2			
		Rigid conductor (mm ²)	Flexible conductor	I (A)	Ui (V)	Rigid conductor (mm ²)	Flexible conductor	I (A)	Ui (V)
		Ratings	0.2-4	0.2-4	32 ¹⁾ 500	Ratings	0.2-4	0.2-4	32 ¹⁾ 500
Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number
Unidirectional conducting terminal: Connect a rectifier diode between the conducting plates in the upper and lower layers, or between the conducting plates in the lower layer (see the schematic diagram).		JWD1-4/2 DT/S-XZ/XY-XZ	5 574 196	50	JWD1-4/2 DT/S-XZ/S-XY	5 574 197	50	JWD1-4/2 DT/S-XZ/S-XY	5 574 197
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.		2.5-4/2 G	8 050 110	50	2.5-4/2 G	8 050 110	50	2.5-4/2 G	8 050 110
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.		2.5-4/2 BD	8 053 101	50	2.5-4/2 BD	8 053 101	50	2.5-4/2 BD	8 053 101
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.		2.5-4/2 BD-1	8 053 105	50	2.5-4/2 BD-1	8 053 105	50	2.5-4/2 BD-1	8 053 105
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.		ZL 6/10	5 585 130	50	ZL 6/10	5 585 130	50	ZL 6/10	5 585 130
(5) Connecting sheet: For central connection of more than 10 digits		LJ 6/2	5 583 103	100	LJ 6/2	5 583 103	100	LJ 6/2	5 583 103
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits:  3 digits:  10 digits: 	BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130	200 200 100	BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130	200 200 100	BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130
(7) Jumping liaison part: With the spacer (8), it can connect any non-adjacent terminals in the center.		KL 6/10	5 584 130	50	KL 6/10	5 584 130	50	KL 6/10	5 584 130
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal		K6	8 510 103	500	K6	8 510 103	500	K6	8 510 103
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.		GP-1	8 751 102	500	GP-1	8 751 102	500	GP-1	8 751 102
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)		2.5-4/2 GF	8 750 108	50	2.5-4/2 GF	8 750 108	50	2.5-4/2 GF	8 750 108
(11) Tag: UL-[V]/[A]/AWG		ZP6	8 868 103	100	ZP6	8 868 103	100	ZP6	8 868 103
Terminal dimensions									
Thickness / width / end plate thickness	[mm]	6.2/56/2.5				6.2/56/2.5			
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	62/69.5/67				62/69.5/67			
Technical data based on IEC/DIN VDE standards									
Maximum rated working current / cross-sectional area	[A] / [mm ²]	32/4				32/4			
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]	4/2.5				4/2.5			
Rated impulse withstand voltage / degree of pollution	[kV]/-	6/3				6/3			
Over-voltage category / insulation material group	-/-	III/I				III/I			
Stripping length	[mm]	8				8			
Screw type		M3				M3			
Torque	[Nm]	0.6-0.8				0.6-0.8			
Insulation material type		PA				PA			
Material flammability according to UL94		V0				V0			
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG	-				-			

Notes:

1. Type JWD1-4/2L DT/... unidirectional conducting terminal is also available.
2. If the customer needs the current of 3 A, two diodes can be connected in parallel.

Diode model: IN4007

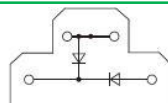
Reverse breakdown voltage: 1000 V

Maximum persistent current: 1 A

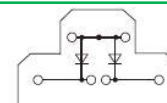
Diode model: RL207

Reverse breakdown voltage: 1000 V

Maximum persistent current: 2 A



JWD1-4/2 DT/S-XZ/XY-XZ
Lighting circuit test application



JWD1-4/2 DT/S-XZ/S-XY
Lighting circuit test application



Screw Type Double Layer Resistive Type Din-Rail Terminal block



JWD1-4/2R S-X



JWD1-4

/2R Z-Y

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

Terminal thickness: 6.2

	Rigid conductor	Flexible conductor	I	Ui
	(mm ²)		(A)	(V)
Ratings	0.2-4	0.2-4	32'	500

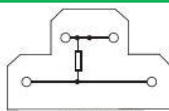
* Current depends on the resistor power.

Terminal thickness: 6.2

	Rigid conductor	Flexible conductor	I	Ui
	(mm ²)		(A)	(V)
Ratings	0.2-4	0.2-4	32'	500

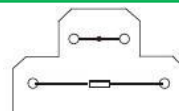
* Current depends on the resistor power.

Current depends on the resistor power.				Current depends on the resistor power.			
Description	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Unidirectional conducting terminal: Connect a rectifier diode between the conducting plates in the upper and lower layers, or between the conducting plates in the lower layer (see the schematic diagram).		JWD1-4/2R S-X	9712300	50	JWD1-4/2R Z-Y	9712301	50
(1) End plate: (thickness: 2.5) One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.		2.5-4/2 G	8 050 110	50	2.5-4/2 G	8 050 110	50
(2) Compensating end plate: (thickness: 2.5) It is used to offset interlayer displacement while it is adjacent to an ordinary terminal.		2.5-4/2 BD	8 053 101	50	2.5-4/2 BD	8 053 101	50
(3) Compensating end plate: (thickness: 2.5) It is used for terminal locating and fastening of the terminal strip or for offsetting interlayer displacement while it is arranged with other terminals in the same group.		2.5-4/2 BD-1	8 053 105	50	2.5-4/2 BD-1	8 053105	50
(4) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.		ZL 6/10	5 585 130	50	ZL6/10	5 585 130	50
(5) Connecting sheet: For central connection of more than 10 digits		LJ 6/2	5 583 103	100	LJ6/2	5 583 103	100
(6) Edge liaison part: Its role is the same as that of the central liaison part (4); with insulation on the back side; 10 digits that can be further divided at will	2 digits:  3 digits: 10 digits:	BL 6/2 BL 6/3 BL 6/10	5 582 122 5 582 123 5 582 130	200 200 100	BL6/2 BL6/3 BL6/10	5 582 122 5 582 123 5 582 130	200 200 100
(7) Jumping liaison part: With the spacer (6), it can connect any non-adjacent terminals in the center.		KL 6/10	5 584 130	50	KL6/10	5 584 130	50
(8) Spacer: Used as a spacer block between the accessory of the jumping liaison part (7) and the conductive part of the terminal		K6	8 510103	500	K6	8 510103	500
(9) Divider: It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.		GP-1	8 751 102	500	GP-1	8 751 102	500
(10) Group partition: (thickness: 2.5) Used for separation of each terminal group; with dual effects (visible grouping and electrical isolation)		2.5-4/2 GF	8 750 108	50	2.5-4/2 GF	8 750 108	50
(11) Tag:		ZP6	8 868 103	100	ZP6	8 868 103	100
Terminal dimensions							
Thickness / width / end plate thickness	[mm]	6.2/56/2.5			6.2/56/2.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]	62/69.5/67			62/69.5/67		
Technical data based on IEC/DIN VDE standards							
Maximum rated working current / cross-sectional area	[A] / [mm ²]	32/4			32/4		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]	4/2.5			4/2.5		
Rated impulse withstand voltage / degree of pollution	[kV]/-	6/3			6/3		
Over-voltage category / insulation material group	-/I	III/I			III/I		
Stripping length	[mm]	8			8		
Screw type		M3			M3		
Torque	[Nm]	0.6-0.8			0.6-0.8		
Insulation material type		PA			PA		
Material flammability according to UL94		V0			V0		
Rated working voltage / rated working current / wire gauge	UL[V]/[A]/AWG	-			-		



a) JWD1-4/2R S-X

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



b) JWD1-4/2R Z-Y

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

Screw Type three-layer sensor Din Rail Terminal block

Inductive and capacitive three-wire sensors or actuators (such as solenoid valve and motor) have an increasingly broader range of applications in the machinery manufacturing field. Sensor and actuator terminals have the following advantages:

- Significantly lower connection costs by means of potential distribution;
 - The edge bridgware eliminates the need for screws and the time of screw tightening generally required by ordinary terminals;
 - The terminals with luminous display are available as expected by customers. The on-off state can be displayed to facilitate troubleshooting;
 - Sensor terminals have the same profiles as actuator terminals, so they can be mixed and adjacent to each other;
- The terminals with LED are used for PNP or NPN control sensors.



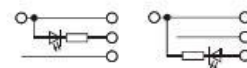
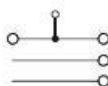
JWD1-1.5CG



JWD1-1.5CG-LED24.../O-M

JWD1-1.5CG-LED24.../U-O

Terminal thickness: 6.2					Terminal thickness: 6.2							
			Rigid conductor	Flexible conductor	I	Ui						
			(mm ²)		(A)	(V)						
Ratings			0.2-4	0.2-2.5	26	250*	Ratings					
							* Current depends on the resistor power.					
Description			Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity		
Terminal: It can be mounted on the guide rail  .			Grey		JWD1-1.5CG	2 715 966	50					
			Blue		JWD1-1.5CG BU	2 716 059	50					
Terminal: Same as above, but there is a red (RD) or green (GN) light emitting diode (LED) between the upper and middle layers.			15-30 DC	2.5-7.5				JWD1-1.5CG-LED24 RD/O -M	2 715 856	50		
			15-30 DC	2.5-7.5				JWD1-1.5CG-LED24 GN/O-M	2 716 762	50		
Terminal: Same as above, but there is a red (RD) or green (GN) light emitting diode (LED) between the upper and lower layers.			15-30 DC	2.5-7.5				JWD1-1.5CG-LED 24RD/U-O	2 715 995	50		
			15-30 DC	2.5-7.5				JWD1-1.5CG-LED 24GN/U-O	2 716 733	50		
(1) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.					ZL6/10	I _{max} : 26A	5 585 130	50	ZL6/10	I _{max} : 26A	5 585 130	50
(2) Edge liaison part: Used for bridging between the middle and lower layers of the terminal; separable tooth back insulation					BL 6/2		5 582 122	200	BL 6/2		5 582 122	200
					BL 6/3		5 582 123	200	BL 6/3		5 582 123	200
					BL 6/10		5 582 130	100	BL 6/10		5 582 130	100
(3) Quick tag: 10 digits; white					ZP6		8 868 103	100	ZP6		8 868 103	100
Terminal dimensions												
Thickness / width / end plate thickness					[mm]	6.2/55			6.2/55			
Height (TH 35:7.5 / TH 35:15 / G 32:15)					[mm]	54.5/62			54.5/62			
Technical data based on IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area					[A] / [mm ²]	26/2.5			26/2.5			
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:					[mm ²]	4/2.5			4/2.5			
Rated impulse withstand voltage / degree of pollution					[kV]/-	4/3			4/3			
Over-voltage category / insulation material group					-/-	III/I			III/I			
Connection capacity												
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal					[mm ²]	0.25-2.5 / 0.25-2.5			0.25-2.5 / 0.25-2.5			
Connection of multiple conductors (two conductors with the same cross-sectional area)												
Rigid conductor / flexible conductor					[mm ²]	0.2-1 /0.2-1			0.2-1 /0.2-1			
Flexible conductor with tubular bare terminal					[mm ²]	0.25-1			0.25-1			
Flexible conductor with DEV-tubular pre-insulated terminal					[mm ²]	0.5-1			0.5-1			
Stripping length					[mm]	8			8			
Screw type						M3			M3			
Torque					[Nm]	0.6-0.8			0.6-0.8			
Insulation material type						PA			PA			
Material flammability according to UL94						V0			V0			
Certification data (UL and CAS)												
Rated working voltage / rated working current / wire gauge					UL-[V]/[A]/AWG	300/15/30-14			300/15/30-14			



Screw Type three-layer sensor Din Rail Terminal block

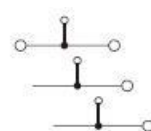
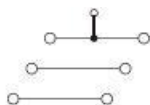


JWD1-1.5/3CG



JWD1-2.5B/3CG

Terminal thickness: 6.2				Terminal thickness: 6.2			
Description	Color	Schematic diagram	Ratings	0.2-4	0.2-2.5	30	250*
			Rigid conductor	Flexible conductor (mm ²)	I (A)	Ui (V)	
			Type	Part Number	Package quantity	Type	Part Number
Terminal: It can be mounted on the guide rail 	Grey Blue		JWD1-1.5/3CG	2 715 979	38	JWD1-2.5B/3CG	2 715 857
			JWD1-1.5/3CG BU	2 716 101	38	JWD1-2.5B/3CG BU	2 716 763
(1) End plate						JWD1-2.5B/3CG-G	8050107
						JWD1-2.5B/3CG-G BU	2715860
(2) Central liaison part: It is used in the middle of the terminal for horizontal bridging; screw head with 10 insulating rings which can be divided; with 10 screws			ZL6/10	I _{max} : 26A	5 585 130	ZL6/10	I _{max} : 26A
(3) Edge liaison part: Used for bridging between the middle and lower layers of the terminal; separable tooth back insulation			BL 6/2	5 582 122	200	BL 6/2	5 582 122
			BL 6/3	5 582 123	200	BL 6/3	5 582 123
			BL 6/10	5 582 130	100	BL 6/10	5 582 130
(4) Divider It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.						GP-1	8 751 102
(5) Tag: 10 digits; white			ZP6	8 868 103	100	ZP6	8 868 103
Terminal dimensions							
Thickness / width	[mm]		6.2 / 72.5				
Height (TH 35:7.5 / TH 35:15)	[mm]		54.5 / 62				
Technical data based on IEC/DIN VDE standards							
Maximum rated working current / cross-sectional area	[A] / [mm ²]		30/4				
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		4/2.5				
Rated impulse withstand voltage / degree of pollution	[kV]/-		4.0 / 3.0				
Over-voltage category / insulation material group	-/-		III/II				
Connection capacity							
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-2.5 / 0.25-2.5				
Connection of multiple conductors (two conductors with the same cross-sectional area)							
Rigid conductor / flexible conductor	[mm ²]		0.2-1 / 0.2-1				
Flexible conductor with tubular bare terminal	[mm ²]		0.25-1				
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]		0.5-1				
Stripping length	[mm]		8				
Screw type			M3				
Torque	[Nm]		0.6-0.8				
Insulation material type							
Material flammability according to UL94							
Certification data (UL and CAS)							
Rated working voltage / rated working current / wire gauge							
UL-[V]/[A]/AWG							



Screw Type three-layer sensor Din Rail Terminal block

Inductive and capacitive three-wire sensors or actuators (such as solenoid valve and motor) have an increasingly broader range of applications in the machinery manufacturing field. Sensor and actuator terminals have the following advantages:

- Significantly lower connection costs by means of potential distribution;
- The edge bridgware eliminates the need for screws and the time of screw tightening generally required by ordinary terminals;
- The terminals with luminous display are available as expected by customers. The on-off state can be displayed to facilitate troubleshooting;
- Sensor terminals have the same profiles as actuator terminals, so they can be mixed and adjacent to each other;

The terminals with LED are used for PNP or NPN control sensors.



JWD1-2.5B/3CG-LED.../O-M

JWD1-2.5B/3CG-LED.../U-O

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
Connection data	0.5-4	0.5-2.5	26 250*

* Voltage subject to the light emitting diode

Terminal thickness: 6.2

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
Connection data	0.5-4	0.5-2.5	26 250*

* Voltage subject to the light emitting diode

			Voltage subject to the light emitting diode			Voltage subject to the light emitting diode		
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: It can be mounted on the guide rail 	Grey Blue							
Terminal: Same as above, but there is a red (RD) or green (GN) light emitting diode (LED) between the upper and middle layers.	15-30 DC	2.5-7.5	JWD1-2.5B/3CG-LED24 RD/O-M	2 715 858	50			
	15-30 DC	2.5-7.5	JWD1-2.5B/3CG-LED24 GN/O-M	2 716 764	50			
Terminal: Same as above, but there is a red (RD) or green (GN) light emitting diode (LED) between the upper and lower layers.	15-30 DC	2.5-7.5				JWD1-2.5B/3CG-LED24 RD/U-O	2 715 859	50
	15-30 DC	2.5-7.5				JWD1-2.5B/3CG-LED24 GN/U-O	2 716 765	50
(1) End plate			JWD1-2.5B/3CG-G	8 050 107	50	JWD1-2.5B/3CG-G	8 050107	50
(2) Central liaison part: It is used in the middle of the terminal for horizontal bridging; screw head with 10 insulating rings which can be divided; with 10 screws			ZL6/10	I _{max} : 26A	5 585 130	ZL6/10	I _{max} : 26A	5 585 130
(3) Edge liaison part: Used for bridging between the middle and lower layers of the terminal; separable tooth back insulation			BL 6/2		5 582 122	200	BL 6/2	5 582 122
			BL 6/3		5 582 123	200	BL 6/3	5 582 123
			BL 6/10		5 582 130	100	BL 6/10	5 582 130
(4) Divider It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1		8 751 102	500	GP-1	8 751 102
(4) Quick tag: 10 digits; white			ZP6		8 868 103	100	ZP6	8 868 103
Terminal dimensions								
Thickness / width / end plate thickness		[mm]	6.2 / 62.5			6.2 / 62.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)		[mm]	67.2/75			67.2/75		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area		[A] / [mm ²]	26/4			26/4		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:		[mm ²]	6/4			6/4		
Rated impulse withstand voltage / degree of pollution		[kV]/-	4.0/3.0			4.0 / 3.0		
Over-voltage category / insulation material group		-/-	III/I			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal		[mm ²]	0.25-2.5/0.25-2.5			0.25-2.5/0.25-2.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor		[mm ²]	0.2-1 / 0.2-1			0.2-1 / 0.2-1		
Flexible conductor with tubular bare terminal		[mm ²]	0.25-1			0.25-1		
Flexible conductor with DEV-tubular pre-insulated terminal		[mm ²]	0.5-1			0.5-1		
Stripping length		[mm]	8			8		
Screw type			M3			M3		
Torque		[Nm]	0.6-0.8			0.6-0.8		
Insulation material type			PA			PA		
Material flammability according to UL94			V0			V0		
Certification data (UL and CAS)								
Rated working voltage / rated working current / wire gauge		U: [V]/[A]/AWG	300/15/30-14			300/15/30-14		

Screw Type Pin Terminal Block



JWD1-2.5V/5.08

JWD1-2.5V/5.08-LED

Terminal thickness: 5.08

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1 0.2-4	0.2-2.5	12	250*

Terminal thickness: 5.08

Rigid conductor	Flexible conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1 0.2-4	0.2-2.5	12	250*

* Voltage subject to the light emitting diode

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey		JWD1-2.5V/5.08	3 002 076	40	JWD1-2.5V/5.08-LED 24VDC	3 002 102	40
Terminal: With general-purpose locating base, suitable for standard mounting rails  and 	Grey							
Protective cover			JWD1-2.5VF/24	910285	10	JWD1-2.5VF/24	910285	10
(1) End plate One additional piece must be attached to the end of each terminal strip set. If it is mounted in the center of the terminal strip, the creepage distance may increase.	Grey Blue		JWD1-2.5V/5.08G	2715967	50	JWD1-2.5V/5.08G	2715967	50
(2) Central liaison part: It is used to connect terminals with the same specification and form a liaison terminal group; each part has 10 digits (supplied with screws) that can be further divided at will.			ZL5/10	5 583 102	50	ZL5/10	5 583 102	50
(3) Edge liaison part: Its role is the same as that of the central liaison part (2); with insulation on the back side; 10 digits that can be further divided at will	2 digits: 3 digits: 10 digits:							
(4) Divider It is used to separate two adjacent liaison terminal groups and can be inserted after assembly, without any effect on the overall space.			GP-1	8 751 102	500	GP-1	8 751 102	500
(5) Tag: It can be quickly inserted in the upper grooves on both sides of the terminal as a whole for any identification. It has a total of 10 digits (to be divided at will); white			ZP5	8 868 102	100	ZP5	8 868 102	100
Terminal dimensions								
Thickness / width / end plate thickness	[mm]		5.08/47.75/2.5			5.08/47.75/2.5		
Height (TH 35:7.5 / TH 35:15 / G 32:15)	[mm]		47/54.5/52			47 / 54.5 / 52		
Technical data based on IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		12/4			12/4		
Maximum cross-sectional area of conductors (rigid / flexible) that can be connected if any edge liaison part is used:	[mm ²]		4/2.5			4/2.5		
Rated impulse withstand voltage / degree of pollution	[kV]/-		4/3			4/3		
Over-voltage category / insulation material group	-/-		III/I			III/I		
Connection capacity								
Flexible conductor with tubular bare terminal / tubular pre-insulated terminal	[mm ²]		0.25-2.5/0.25-1.5			0.25-2.5/0.25-1.5		
Connection of multiple conductors (two conductors with the same cross-sectional area)								
Rigid conductor / flexible conductor	[mm ²]		0.2-1.5 / 0.2-1			0.2-1.5 / 0.2-1		
Flexible conductor with tubular bare terminal	[mm ²]		0.5-1			0.5-1		
Flexible conductor with DEV-tubular pre-insulated terminal	[mm ²]							
Stripping length	[mm]		8			8		
Screw type			M3			M3		
Torque	[Nm]		0.5-0.6			0.5-0.6		
Insulation material type								
Material flammability according to UL94			PA			PA		
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG		V0			V0		
			300/10/22-12			300/10/22-12		



MVSTBR 2.5V/ST-5.08

Type	Clearance	Part Number
MVSTBR 2.5V/ST-5.08	5.08mm	6575XXX

□ Digits: 2P-24P 300V/15A

Rigid / flexible conductor: 0.2-2.5 mm²

