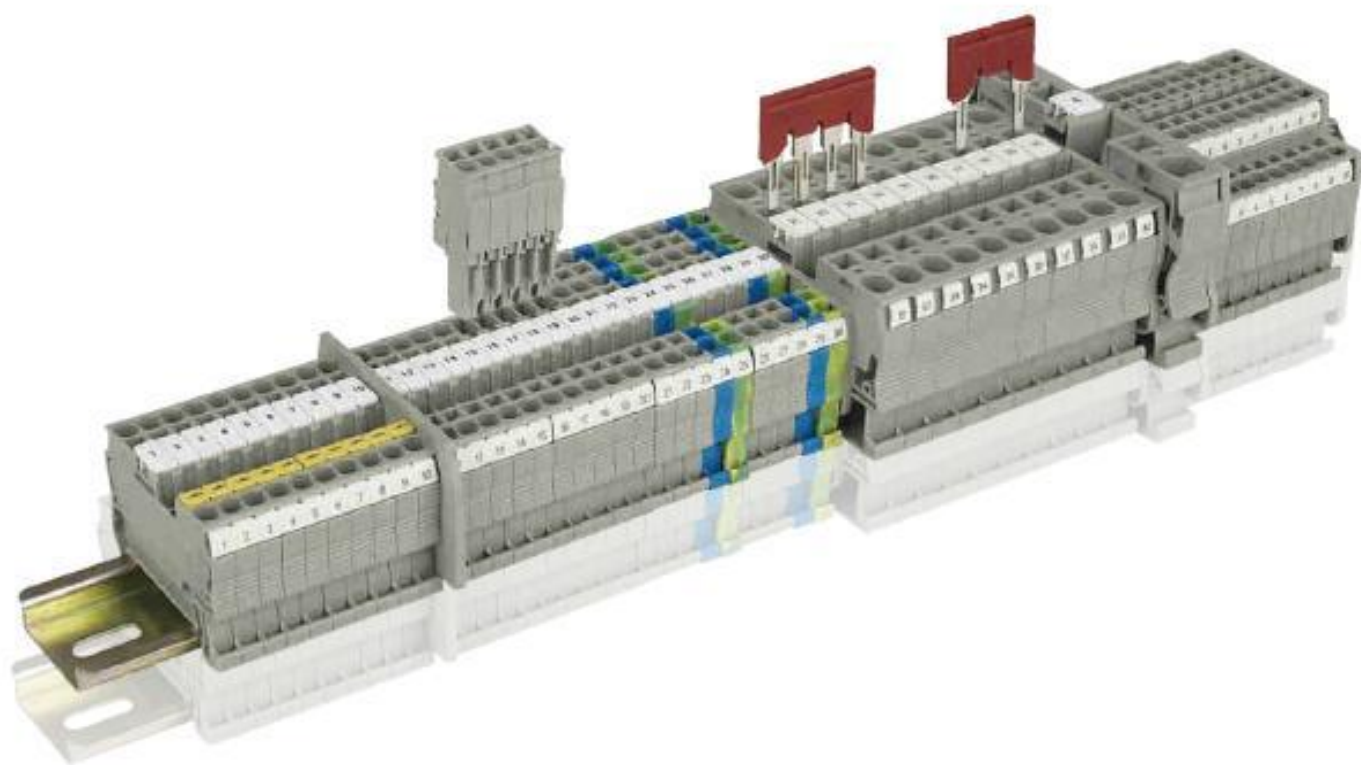


GKONCY ELECTRIC

广奇电气



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



Spring-Cage Din-Rail Terminal block

The JWD2 straight-way spring-cage terminal is featured by its compact design and optimum connection solution. The front connection of the JWD2 series eliminates the required space between two wiring ducts. Double bridges can achieve chain bridging. Corresponding accessories can be used for testing and identification.

The JWD2 spring-cage terminal series provides terminals with the cross-sectional areas of 1.5 mm², 2.5 mm², 4 mm² and 6 mm², as well as products with the cross-sectional area from 10 mm² to 35 mm².



JWD2-1.5a



JWD2-2.5a

Terminal thickness: 4.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)

IEC 60947-7-1

0.14-1.5

0.14-1.5

17.5

500

Terminal thickness: 5.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)

IEC 60947-7-1

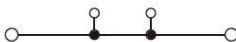
0.2-4

0.2-2.5

31

800

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Spring-cage terminal mounted on 	Grey		JWD2-1.5a	51 31 07 6	125	JWD2-2.5a	51 31 21 2	100	
	Blue		JWD2-1.5a BU	51 31 08 9	125	JWD2-2.5a BU	51 31 22 5	100	
(1) End plate	Grey		G-D2-2.5a	51 30 41 7	50	G-D2-2.5a	51 30 41 7	50	
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-4	I_{max} :17.5A	5130116	FBS 2-5	I_{max} :24A	51 30 16 1	200
	3 digits		FBS 3-4	17.5A	5130129	FBS 3-5	24A	51 30 17 4	200
	4 digits		FBS 4-4	17.5A	5130132	FBS 4-5	24A	51 30 18 7	200
	5 digits		FBS 5-4	17.5A	5130145	FBS 5-5	24A	51 30 19 0	100
	10 digits		FBS 10-4	17.5A	5130158	FBS 10-5	24A	51 30 21 3	100
	20 digits				FBS 20-5	24A	51 30 22 6	50	
(3) Conversion bridgeware for connecting JWD2-6a to JWD2-2.5a or JWD2-4a									
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a	51 30 72 1	50	GF-D2-4a	51 30 72 1	50	
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal			WST1.5	51 30 95 8	100	WST2.5	51 30 94 1	100	
(6) Screwdriver			SZF 0-0.4X2.5	02 04 50 4	10	SZF 1-0.6X3.5	02 04 51 7	10	
(7) Quick tag, with 10 digits for identification in the terminal center		 White	ZP4	8 868 101	100	ZP5	8 868 102	100	
(8) Quick designation strip, with 100 digits for lateral identification		White	ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000	
(9) Test plug	Grey		PS-4	9311242	10	PS-5	9311173	10	
Terminal dimensions									
Thickness / length /end plate thickness		[mm]	4.2/48.8/2.2			5.2/48.8/2.2			
Height (TH 35:7.5 / TH 35:15)		[mm]	36.5/44			36.5/44			
Technical data in accordance with IEC/DIN VDE standards									
Maximum rated working current / cross-sectional area		[A] / [mm ²]	17.5/1.5			31/4			
Rated impulse withstand voltage / degree of pollution		[KV] / -	6/3			8/3			
Over-voltage category / insulation material group		- / -	III/II			III/II			
Connection									
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-1.5			0.25-2.5			
Stranded wire with tubular bare terminal		[mm ²]	0.25-1.5			0.25-2.5			
Stripping length			10			10			
Plug gauge (IEC60947-1)			A1			A3			
Insulation material			PA			PA			
Grading as per UL 94			V0			V0			
Certification data (UL and CSA/CUL)									
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	-			600/20/26-12			



Spring-Cage Din-Rail Terminal block



JWD2-4a



JWD2-6a

			Terminal thickness: 6.2				Terminal thickness: 8.2			
			Rigid solid		Flexible multi-conductor	I	Ui	Rigid solid		Flexible multi-conductor
			(mm ²)			(A)	(V)	(mm ²)		(A)
			0.2-6		0.2-4	40	800	0.5-10		52
			IEC 60947-7-1					IEC 60947-7-1		800
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Package quantity
Spring-cage terminal mounted on	Grey		JWD2-4a	51 31 36 4	72	JWD2-6a	51 31 48 7	43	JWD2-6a	43
	Blue		JWD2-4a BU	51 31 37 7	72	JWD2-6a BU	51 31 49 0	43	JWD2-6a BU	43
(1) End plate	Grey		G-D2-4a	51 30 42 0	50	G-D2-6a	51 30 43 3	50	G-D2-6a	50
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-6	I _{max} :32A	51 30 33 6	200	FBS 2-8	I _{max} :41A	51 30 28 4	100
	3 digits		FBS 3-6	32A	51 30 24 2	200	FBS 3-8	41A	51 30 29 7	100
	4 digits		FBS 4-6	32A	51 30 25 5	100	FBS 4-8	41A	51 30 30 7	100
	5 digits		FBS 5-6	32A	51 30 34 9	100	FBS 5-8	41A	51 30 31 0	50
	10 digits		FBS 10-6	32A	51 30 27 1	100	FBS 10-8	41A	51 30 32 3	50
	20 digits		FBS 20-6	32A	51 30 36 5	50				
(3) Conversion bridgeware for connecting JWD2-6a to JWD2-2.5a or JWD2-4a							RB 6-(2.5/4)	I _{max} :48A	51 30 86 0	100
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a	51 30 72 1	50	GF-D2-6a	51 24 48 1	50	GF-D2-6a	50
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal			WST4	51 30 95 4	100	WST6	51 30 96 7	100	WST6	100
(6) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10	SZF 2-0.8X4.0	02 04 52 0	10	SZF 2-0.8X4.0	10
(7) Quick tag, with 10 digits for identification in the terminal center	White		ZP6	8 868 103	100	ZP8	8 868 104	100	ZP8	100
(8) Quick designation strip, with 100 digits for lateral identification	White		ZBFM6	0 903 618	1000	ZBFM6	0 903 618	1000	ZBFM6	1000
(9) Test plug	Grey		PS-6	9311174	10					
Terminal dimensions										
Thickness / length / end plate thickness	[mm]		6.2/56/2.2				8.2/69.5/2.2			
Height (TH 35:7.5 / TH 35:15)	[mm]		36.5/44				43.5/51			
Technical data in accordance with IEC/DIN VDE standards										
Maximum rated working current / cross-sectional area	[A] / [mm ²]		40/6				52/10			
Rated impulse withstand voltage / degree of pollution	[KV] / -		8/3				8/3			
Over-voltage category / insulation material group	- / -		III/II				III/II			
Connection										
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-4				0.5-6			
Stranded wire with tubular bare terminal	[mm ²]		0.25-4				0.5-6			
Stripping length			10				12			
Plug gauge (IEC60947-1)			A4				A5			
Insulation material			PA				PA			
Grading as per UL 94			V0				V0			
Certification data (UL and CSA/CUL)										
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		600/30/20-10				600/50/20-8			



Spring-Cage Din-Rail Terminal block

For conductors with large cross-sectional area (CSA), GKONCY ELECTRIC offers spring-cage terminals with the CSA from 10 mm² to 35 mm². The double-row bridge allows chain bridging and conversion bridging, such as those with the CSA from 2.5 mm² to 4 mm². The application of the RB conversion brideware can easily perform voltage supply and division.



JWD2-10a



JWD2-16a

			Terminal thickness: 10.2				Terminal thickness: 12						
			Rigid solid	Flexible multi-conductor	I	Ui	Rigid solid	Flexible multi-conductor	I	Ui			
			(mm ²)		(A)	(V)	(mm ²)		(A)	(V)			
			IEC 60947-7-1	1.5-16	1.5-10	65	800	IEC 60947-7-1	1.5-25	1.5-16	90	800	
Description	Color	Schematic diagram	Type		Part Number	Package quantity	Type		Part Number	Package quantity			
Spring-cage terminal mounted on 	Grey		JWD2-10a		51 36 11 0	35	JWD2-16a		51 36 14 9	26			
	Blue		JWD2-10a BU		51 31 12 3	35	JWD2-16a BU		51 36 15 2	26			
(1) End plate	Grey		G-D2-10a		51 36 64 4	50	G-D2-16a		51 36 65 7	50			
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits		FBS2-10	I _{max} :57A	51 05 94 7	100	FBS2-12	I _{max} :76A	51 05 95 0	100			
(3) Conversion bridgware for connecting JWD2-6a to JWD2-2.5a or JWD2-4a			RB 10-(2.5/4)	I _{max} :55A	51 30 87 3	100	RB 16-(2.5/4)	I _{max} :63A	51 30 88 6	100			
(4) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal			WST10		910449	100	WST10		910449	100			
(5) Screwdriver			SZF 3-1.0X5.5		02 06 61 2	10	SZF 3-1.0X5.5		02 06 61 2	10			
(6) Quick tag, with 10 digits for identification in the terminal center		 White	ZP10		8 868 105	100	ZP10		8 868 105	100			
(7) Quick designation strip, with 100 digits for lateral identification		White	ZBFM8		0 903 734	1000	ZBFM8		0 903 734	1000			
(8) Test plug	Grey												
Terminal dimensions													
Thickness / length / end plate thickness			[mm]	10/71.5/2.2				12/80/2.2					
Height (TH 35:7.5 / TH 35:15)			[mm]	50.5/58				51/58.5					
Technical data in accordance with IEC/DIN VDE standards													
Maximum rated working current / cross-sectional area			[A] / [mm ²]	65/16				90/25					
Rated impulse withstand voltage / degree of pollution			[kV] / -	8/3				8/3					
Over-voltage category / insulation material group			- / -	III/I				III/I					
Connection													
Stranded wire with tubular pre-insulated terminal			[mm ²]	1.5-10				1.5-16					
Stranded wire with tubular bare terminal			[mm ²]	1.5-10				1.5-16					
Stripping length			[mm]	18				18					
Plug gauge (IEC60947-1)			A6				A7						
Insulation material			PA				PA						
Grading as per UL 94			V0				V0						
Certification data (UL and CSA/CUL)													
Rated working voltage / rated working current / wire gauge			UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	-	-				-	-			

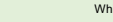


Spring-Cage Din-Rail Terminal block

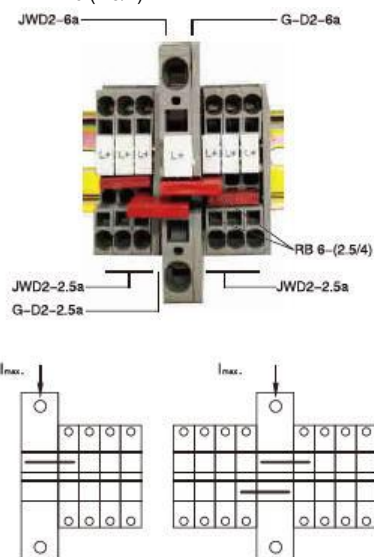


JWD2-35a

Terminal thickness: 16

			Terminal dimensions: 16			
			Rigid solid	Flexible multi-conductor	I	Ui
			(mm ²)	(A)	(V)	
			IEC 60947-7-1	2.5-35	2.5-35	125 800
Description	Color	Schematic diagram	Type	Part Number	Package quantity	
Spring-cage terminal mounted on	Grey		JWD2-35a	51 36 17 8	12	
	Blue		JWD2-35a BU	51 36 18 1	12	
(1) End plate	Grey		Closed-end, without end cap			
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS2-16	I _{max} :101A	51 05 96 3	50
(3) Conversion bridgeware for connecting JWD2-6a to JWD2-2.5a or JWD2-4a			RB 35-(2.5/4)	I _{max} :63A	51 30 89 9	100
(4) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal						
(5) Screwdriver			SZF 3-1.0X5.5		02 06 61 2	10
(6) Quick tag, with 10 digits for identification in the terminal center			White ZP10		8 868 105	100
(7) Quick designation strip, with 100 digits for lateral identification			White ZBFM8		0 903 734	1000
(8) Test plug	Grey					
Terminal dimensions						
Thickness / length / end plate thickness		[mm]	16/100/-			
Height (TH 35:7.5 / TH 35:15)		[mm]	59/66.5			
Technical data in accordance with IEC/DIN VDE standards						
Maximum rated working current / cross-sectional area		[A] / [mm ²]	125/35			
Rated impulse withstand voltage / degree of pollution		[kV] / -	8/3			
Over-voltage category / insulation material group		- / -	III/I			
Connection						
Stranded wire with tubular pre-insulated terminal		[mm ²]	2.5-35			
Stranded wire with tubular bare terminal		[mm ²]	2.5-35			
			-			
Stripping length		[mm]	25			
Plug gauge (IEC60947-1)			A8			
Insulation material			PA			
Grading as per UL 94			V0			
Certification data (UL and CSA/CUL)						
Rated working voltage / rated working current / wire gauge		UL-[V]/[A]/AWG CSA/CUL-[V]/[A]/AWG	-			

The figure illustrates a terminal strip for central power supply. A 6 mm² JWD2-6a terminal distributes power to a 2.5 mm² terminal via the conversion bridgeware RB...6 (2.5/4).



Conversion bridgeware	Translational bridging		Single-sided input I_{max}	Central input I_{max}
	From	To		
RB 6-(2.5/4)	JWD2-6a	JWD2-2.5a	40A	56A
		JWD2-4a	45A	56A
RB 10-(2.5/4)	JWD2-10a	JWD2-2.5a	40A	65A
		JWD2-4a	45A	65A
RB 16-(2.5/4)	JWD2-16a	JWD2-2.5a	40A	80A
		JWD2-4a	45A	90A
RB 35-(2.5/4)	JWD2-35a	JWD2-2.5a	40A	80A
		JWD2-4a	45A	90A



Spring-Cage Din-Rail Terminal block

The appearance of the JWD2... JD ground terminal is consistent with that of the straight-way terminal. It can be connected to the conductors with the CSA from 1.5 mm² to 6 mm² and from 10 mm² to 35 mm². Insertion of the terminal on the guide rail can ensure correct mechanical and electric connections.

The ground terminal JWD2...JD can meet all the technical requirements of IEC 60947-7-2, especially in the following aspects:

- Low contact resistance;
- Corrosion resistance of the contact;
- Yellow + green housing;
- Multiple identification digits

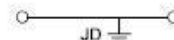
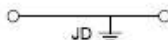


JWD2-1.5aJD



JWD2-2.5aJD

			Terminal thickness: 4.2			Terminal thickness: 5.2		
			Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (mm ²)
			IEC 60947-7-1	0.14-1.5	0.14-1.5	IEC 60947-7-2	0.2-4	0.2-2.5
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on	Yellow + Green		JWD2-1.5aJD	51 31 51 3	125	JWD2-2.5a JD	51 31 23 8	100
(1) End plate	Grey		G-D2-2.5a	51 30 41 7	50	G-D2-6a	51 30 41 7	50
(2) Plug-in brideware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits							
(3) Screwdriver for spring-cage terminal operation			SZF 0-0.4X2.5	02 04 50 4	10	SZF 1-0.6X3.5	02 04 51 7	10
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP4	8 868 101	100	ZP5	8 868 102	100
(5) Flat quick designation strip, with 50 digits for lateral identification			ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000
(6) Test plug	Grey							
Terminal dimensions								
Thickness / length / end plate thickness	[mm]		4.2/48.5/2.2			5.2/48.5/2.2		
Height (TH 35:7.5 / TH 35:15)	[mm]		36.5/44			36.5/44		
Technical data in accordance with IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		-			-		
Rated impulse withstand voltage / degree of pollution	[KV] / -		6/3			8/3		
Over-voltage category / insulation material group	- / -		III/I			III/I		
Connection								
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-1.5			0.25-2.5		
Stranded wire with tubular bare terminal	[mm ²]		0.25-1.5			0.25-2.5		
Stripping length	[mm]		10			10		
Plug gauge (IEC60947-1)			A1			A3		
Insulation material			PA			PA		
Grading as per UL 94			V0			V0		
Certification data (UL and CSA/CUL)								
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		-			26-12		



Spring-Cage Din-Rail Terminal block

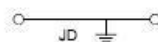
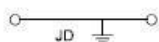


JWD2-4aJD

JWD2-6aJD

JWD2-10aJD

			Terminal thickness: 6.2			Terminal thickness: 8.2			Terminal thickness: 10.2		
			Rigid solid			Rigid solid			Rigid solid		
			Flexible multi-conductor (mm²)			Flexible multi-conductor (mm²)			Flexible multi-conductor (mm²)		
			IEC 60947-7-2	0.2-6	0.2-4	IEC 60947-7-2	0.5-10	0.5-6	IEC 60947-7-2	1.5-16	1.5-10
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on 	Yellow + green		JWD2-4aJD	51 31 38 0	75	JWD2-6aJD	51 31 50 0	43	JWD2-10aJD	51 36 13 6	35
(1) End plate	Grey		G-D2-4a	51 30 42 0	50	G-D2-6a	51 30 43 3	50	G-D2-10a	51 36 64 4	50
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits										
(3) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10	SZF 2 0.8X4.0	02 04 52 0	10	SZF3-1.0X5.5	02 06 61 2	10
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP6	8 868 103	100	ZP8	8 868 104	100	ZP10	8 868 105	100
(5) Flat quick tag, with 50 digits for lateral identification			ZBFM6	0 903 168	1000	ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000
(6) Test plug	Grey										
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		6.2/56/2.2			8.2/69.5/2.2			10/71.5/2.2		
Height (TH 35.7.5 / TH 35.15)	[mm]		36.5/44			43.5/51			50.5/58		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm²]		-			-			65/16		
Rated impulse withstand voltage / degree of pollution	[KV] / -		8/3			8/3			8/3		
Over-voltage category / insulation material group	- / -		III/II			III/II			III/II		
Connection											
Stranded wire with tubular pre-insulated terminal	[mm²]		0.25-4			0.5-6			1.5-10		
Stranded wire with tubular bare terminal	[mm²]		0.25-4			0.5-6			1.5-10		
Stripping length	[mm]		10			12			18		
Plug gauge (IEC60947-1)			A4			A5			A6		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		20-10			20-8			-		



Spring-Cage Din-Rail Terminal block

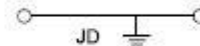
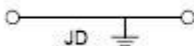


JWD2-16aJD



JWD2-35aJD

			Terminal thickness: 12			Terminal thickness: 16		
			Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (mm ²)
			IEC 60947-7-2	1.5-25	1.5-16	IEC 60947-7-2	2.5-35	2.5-35
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on 	Yellow + green		JWD2-16aJD	51 36 16 5	26	JWD2-35aJD	51 36 19 4	12
(1) End plate	Grey		G-D2-16a	51 36 65 7	50	Closed-end, without end cap		
(2) Plug-in brideware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits							
(3) Screwdriver for spring-cage terminal operation			SZF3-1.0X5.5	02 06 61 2	10	SZF3-1.0X5.5	02 06 61 2	10
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP10	8 868 105	100	ZP10	8 868 105	100
(5) Flat quick tag, with 50 digits for lateral identification			ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000
(6) Test plug	Grey							
Terminal dimensions								
Thickness / length / end plate thickness	[mm]		12/80/2.2			16/100/-		
Height (TH 35:7.5 / TH 35:15)	[mm]		51/58.5			59/66.5		
Technical data in accordance with IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		76/25			115/35		
Rated impulse withstand voltage / degree of pollution	[kV] / -		8/3			8/3		
Over-voltage category / insulation material group	- / -		III/II			III/II		
Connection								
Stranded wire with tubular pre-insulated terminal	[mm ²]		1.5-16			2.5-35		
Stranded wire with tubular bare terminal	[mm ²]		1.5-16			2.5-35		
Stripping length	[mm]		18			25		
Plug gauge (IEC60947-1)			A7			A8		
Insulation material			PA			PA		
Grading as per UL 94			V0			V0		
Certification data (UL and CSA/CUL)								
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		-			-		



Spring-Cage 1-IN / 2-OUT Din-Rail Terminal block



JWD2-1.5a/1-2



JWD2-2.5a/1-2



JWD2-4a/1-2

For power distribution, the application of the three-conductor spring terminal JWD2.../1-2 can greatly save the space and costs.

Actually, one terminal is usually required to connect three conductors. The terminal (/1-2) can connect three conductors without any additional terminals or bridgeware.

The connection mode of the general-purpose FBS plug-in bridgeware can achieve horizontal connection of adjacent straight-way terminals.

Terminal thickness: 4.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.14-1.5	0.14-1.5	17.5*	500
* The total current of all connections should not exceed the maximum load current.				

Terminal thickness: 5.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-2.5	28*	800
* The total current of all connections should not exceed the maximum load current.				

Terminal thickness: 6.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-6	0.2-4	40*	800
* The total current of all connections should not exceed the maximum load current.				

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Spring-cage terminal mounted on 	Grey Blue		JWD2-1.5a/1-2 JWD2-1.5a/1-2BU	51 31 12 8 51 31 13 1	105 105	JWD2-2.5a/1-2 JWD2-2.5a/1-2BU	51 31 24 1 51 31 25 4	85 85	JWD2-4a/1-2 JWD2-4a/1-2BU	51 31 39 3 51 31 40 3	59 59	
(1) End plate	Grey		G-D2-2.5a/1-2	51 30 48 8	50	G-D2-2.5a/1-2	51 30 48 8	50	G-D2-4a/1-2	51 30 49 1	50	
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-4	I _{max} : 17.5A	5130116	FBS 2-5	I _{max} : 24A	51 30 16 1	FBS 2-6	I _{max} : 32A	51 30 33 6	200
	3 digits		FBS 3-4	17.5A	5130129	FBS 3-5	24A	51 30 17 4	FBS 3-6	32A	51 30 24 2	200
	4 digits		FBS 4-4	17.5A	5130132	FBS 4-5	24A	51 30 18 7	FBS 4-6	32A	51 30 25 5	100
	5 digits		FBS 5-4	17.5A	5130145	FBS 5-5	24A	51 30 19 0	FBS 5-6	32A	51 30 34 9	100
	10 digits		FBS 10-4	17.5A	5130158	FBS 10-5	24A	51 30 21 3	FBS 10-6	32A	51 30 27 1	100
	20 digits						FBS 20-5	24A	51 30 22 6	FBS 20-6	32A	51 30 36 5
(3) Conversion bridgeware for connecting JWD2-6a/1-2 to JWD2-2.5a/1-2 or JWD2-4a/1-2												
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/1-2	51 30 78 9	50	GF-D2-a/1-2	51 30 78 9	50	GF-D2-a/1-2	51 30 78 9	50	
(5) Screwdriver for spring-cage terminal operation			SZF 0-0.4X2.5	02 04 50 4	10	SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10	
(6) Quick tag, with 10 digits for identification in the terminal center			White	ZP4	8 868 101	100	ZP5	8 868 102	100	ZP6	8 868 103	100
(7) Quick designation strip, with 100 digits for lateral identification			White	ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000	ZBFM6	0 903 168	1000
(8) Test plug	Grey		PS-4	9311242	10	PS-5	9311173	10	PS-6	9311174	10	
Terminal dimensions												
Thickness / length / end plate thickness		[mm]	4.2/60.5/2.2			5.2 / 60.5 / 2.2			6.2/71.5/2.2			
Height (TH 35.7.5 / TH 35.15)		[mm]	36.5/44			36.5/44			36.5/44			
Technical data in accordance with IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area		[A] / [mm ²]	17.5/1.5			28/4			40/6			
Rated impulse withstand voltage / degree of pollution		[kV] / -	6/3			8/3			8/3			
Over-voltage category / insulation material group		- / -	III/I			III/I			III/I			
Connection												
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-1.5			0.25-2.5			0.25-4			
Stranded wire with tubular bare terminal		[mm ²]	0.25-1.5			0.25-2.5			0.25-4			
Stripping length			10			10			10			
Plug gauge (IEC60947-1)			A1			A3			A4			
Insulation material			PA			PA			PA			
Grading as per UL 94			V0			V0			V0			
Certification data (UL and CSA/CUL)												
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	-			600/20/26-12			600/30/20-10			



Spring-Cage 1-IN / 2-OUT Din-Rail Terminal block



JWD2-6a/1-2

JWD2-10a/1-2

JWD2-16a/1-2

Terminal thickness: 8.2

Terminal thickness: 10.2

Terminal thickness: 12.2

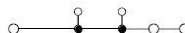
IEC 60947-7-1	Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
0.5-10	0.5-5	52* 800		

* The total current of all connections should not exceed the maximum load current.

* The total current of all connections should not exceed the maximum load current.

* The total current of all connections should not exceed the maximum load current.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Spring-cage terminal mounted on 	Grey Blue		JWD2-6a/1-2 JWD2-6a/1-2BU	910300 910301	36 36	JWD2-10a/1-2 JWD2-10a/1-2BU	914100 914101	27 27	JWD2-16a/1-2 JWD2-16a/1-2BU	914102 914103	17 17	
(1) End plate	Grey		G-D2-6a/1-2	910302	50	G-D2-10a/1-2	914104	50	G-D2-16a/1-2	914105	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits		FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8	I_{max} :41A 41A 41A 41A 41A	51 30 28 4 51 30 29 7 51 30 30 7 51 30 31 0 51 30 32 3	100 100 100 50 50	FBS 2-10 I_{max} :57A	5105947	FBS 2-12 I_{max} : 76A	5105950	100	
(3) Conversion bridgware for connecting JWD2-6a/1-2 to JWD2-2.5a/1-2 or JWD2-4a/1-2			RB 6-(2.5/4)	I_{max} :48A	51 30 86 0	10	RB 10-(2.5/4) I_{max} :55A	51 30 87 3	10	RB 16-(2.5/4) I_{max} :63A	51 30 88 6	10
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm												
(5) Screwdriver for spring-cage terminal operation			SZF 2-0.8X4.0		02 04 52 0		SZF 3-1.0X5.5	02 04 61 2	10	SZF 3-1.0X5.5	02 06 61 2	10
(6) Quick tag, with 10 digits for identification in the terminal center			White	ZP8	8 868 104	100	ZP10	8 868 105	100	ZP10	8 868 105	100
(7) Quick designation strip, with 100 digits for lateral identification			White	ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000
(8) Test plug	Grey											
Terminal dimensions												
Thickness / length / end plate thickness			[mm]	8.2/90.5/2.2		10.2/97/2.2			12.2/107.8/2.2			
Height (TH 35:7.5 / TH 35:15)			[mm]	43.5/51		50.3 / 57.8			51.5/59			
Technical data in accordance with IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area			[A] / [mm ²]	52/10		70/16			90/25			
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												
Stranded wire with tubular pre-insulated terminal			[mm ²]	0.5-6		0.5-10			0.5-16			
Stranded wire with tubular bare terminal			[mm ²]	0.5-6		0.5-10			0.5-16			
Stripping length			[mm]	12		18						
Plug gauge (IEC60947-1)			A5			A6			A7			
Insulation material			PA			PA						
Grading as per UL 94			V0			V0			V0			
Certification data (UL and CSA/CUL)												
Rated working voltage / rated working current / wire gauge			UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	600/50/20-8		600/60/24-6			600/80/24-4			



Spring-Cage 1-IN / 2-OUT Din-Rail Terminal block

- The appearance of the JWD2.../1-2JD ground terminal is consistent with that of the JWD2.../1-2 terminal. Insertion of the terminal on the guide rail can ensure correct mechanical and electric connections.
- The ground terminal JWD2.../1-2JD can meet all the technical requirements of IEC60947-7-2, especially in the following aspects:
 - Low contact resistance;
 - Corrosion resistance of the contact;
 - Yellow + green housing;
 - Multiple identification digits



JWD2-1.5a/1-2JD

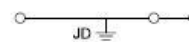
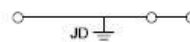
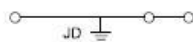


JWD2-2.5a/1-2JD



JWD2-4a/1-2JD

Description	Color	Schematic diagram	Terminal thickness: 4.2			Terminal thickness: 5.2			Terminal thickness: 6.2		
			Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (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	IEC 60947-7-2	0.2-6	0.2-4
Type			Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on 	Yellow + green		JWD2-1.5a/1-2JD	51 31 14 4	105	JWD2-2.5a/1-2JD	51 31 26 7	85	JWD2-4a/1-2JD	51 31 41 6	59
(1) End plate	Grey		G-D2-2.5a/1-2	51 30 48 8	50	G-D2-2.5a/1-2	51 30 48 8	50	G-D24a/1-2	51 30 49 1	50
(2) Plug-in brideware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits										
(3) Screwdriver for spring-cage terminal operation			SZF0 - 0.4X2.5	02 04 50 4	10	SZF1 - 0.6X3.5	02 04 51 7	10	SZF1 - 0.6X3.5	02 04 51 7	10
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP4	8 868 101	100	ZP5	8 868 102	100	ZP6	8 868 103	100
(5) Flat quick tag, with 50 digits for lateral identification			ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000	ZBFM6	0 903 168	1000
(6) Test plug	Grey										
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		4.2/60.5/2.2			5.2/60.5/2.2			6.2/71.5/2.2		
Height (TH 35.7.5 / TH 35.15)	[mm]		36.5/44			36.5/44			36.5/44		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		—			—			—		
Rated impulse withstand voltage / degree of pollution	[kV] / -		6/3			8/3			8/3		
Over-voltage category / insulation material group	- / -		III/I			III/I			III/I		
Connection											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-1.5			0.25-2.5			0.25-4		
Stranded wire with tubular bare terminal	[mm ²]		0.25-1.5			0.25-2.5			0.25-4		
Stripping length	[mm]		10			10			10		
Plug gauge (IEC60947-1)			A1			A3			A4		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		-			26-12			20-10		



Spring-Cage 1-IN / 2-OUT Din-Rail Terminal block

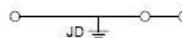
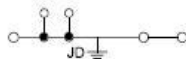


JWD2-6a/1-2JD

JWD2-10a/1-2JD

JWD2-16a/1-2JD

			Terminal thickness: 8.2			Terminal thickness: 10.2			Terminal thickness: 12.2		
			Rigid solid Flexible multi-conductor (mm ²)			Rigid solid Flexible multi-conductor (mm ²)			Rigid solid Flexible multi-conductor (mm ²)		
			IEC 60947-7-2	0.5-10	0.5-6	IEC 60947-7-2	0.5-16	0.5-10	IEC 60947-7-2	0.5-25	0.5-16
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on	Yellow + green		JWD2-6a/1-2JD	910304	36	JWD2-10a/1-2JD	914106	27	JWD2-16a/1-2JD	914107	17
(1) End plate	Grey		G-D2-6a/1-2	910302	50	G-D2-10a/1-2	914104	50	G-D2-16a/1-2	914105	50
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-8	I _{max} : 41A	51 30 28 4				FBS 2-12	I _{max} : 76A	5105950
	3 digits		FBS 3-8	41A	51 30 29 7						
	4 digits		FBS 4-8	41A	51 30 30 7						
	5 digits		FBS 5-8	41A	51 30 31 0						
	10 digits		FBS 10-8	41A	51 30 32 3						
(3) Screwdriver for spring-cage terminal operation			SZF2 - 0.8X4.0	0204520	10	SZF3 - 1.0X5.5	0206 61 2	10	SZF3 - 1.0X5.5	0206 61 2	10
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP8	8 868 104	100	ZP10	8 868 105	100	ZP10	8 868 105	100
(5) Flat quick tag, with 50 digits for lateral identification			ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000	ZBFM8	0 903 734	1000
(6) Test plug	Grey										
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		8.2/90.5/2.2			10.2/97/2.2			12.2/107.8/2.2		
Height (TH 35.7.5 / TH 35.15)	[mm]		43.5/51			50.3/57.8			51.5 / 59		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		-			-			-		
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											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.5-6			0.5-10			0.5-16		
Stranded wire with tubular bare terminal	[mm ²]		0.5-6			0.5-10			0.5-16		
Stripping length	[mm]		12			18			18		
Plug gauge (IEC60947-1)			A5			A6			A7		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		-			-			-		



Spring-Cage 1-IN / 2-OUT Din-Rail Terminal block



JWD2-1.5a/2-2

JWD2-2.5a/2-2

JWD2-4a/2-2

Terminal thickness: 4.2

	Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.14-1.5	0.14-1.5	17.5*	500

* The total current of all connections should not exceed the maximum load current.

Terminal thickness: 5.2

	Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.2-4	0.2-2.5	28*	800

* The total current of all connections should not exceed the maximum load current.

Terminal thickness: 6.2

	Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.2-6	0.2-4	40*	800

* The total current of all connections should not exceed the maximum load current.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage terminal mounted on 	Grey Blue		JWD2-1.5a/2-2	51 31 18 6	85	JWD2-2.5a/2-2	51 31 30 6	70	JWD2-4a/2-2	51 31 44 5	51
			JWD2-1.5a/2-2 BU	51 31 19 9	85	JWD2-2.5a/2-2 BU	51 31 31 9	70	JWD2-4a/2-2 BU	51 31 45 8	51
(1) End plate	Grey		G-D2-2.5a/2-2	51 30 51 4	50	G-D2-2.5a/2-2	51 30 51 4	50	G-D2-4a/2-2	51 30 52 7	50
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits		FBS 2-4 I _{max} : 17.5A	51 30 11 6	200	FBS 2-5 I _{max} : 24A	51 30 16 1	200	FBS 2-6 I _{max} : 32A	51 30 33 6	200
			FBS 3-4 17.5A	51 30 12 9	200	FBS 3-5 24A	51 30 17 4	200	FBS 3-6 32A	51 30 24 2	200
			FBS 4-4 17.5A	51 30 13 2	200	FBS 4-5 24A	51 30 18 7	200	FBS 4-6 32A	51 30 25 5	100
			FBS 5-4 17.5A	51 30 14 5	100	FBS 5-5 24A	51 30 19 0	100	FBS 5-6 32A	51 30 34 9	100
			FBS 10-4 17.5A	51 30 15 8	100	FBS 10-5 24A	51 30 21 3	100	FBS 10-6 32A	51 30 27 1	100
			FBS 20-4 17.5A	51 30 35 2	50	FBS 20-5 24A	51 30 22 6	50	FBS 20-6 32A	51 30 36 5	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2-2	51 30 81 5	50	GF-D2-a/2-2	51 30 81 5	50	GF-D2-a/2-2	51 30 81 5	50
(4) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal			WST1.5	51 30 95 8	100	WST2.5	51 30 94 1	100	WST4	51 30 95 4	100
(5) Screwdriver for spring-cage terminal operation			SZF 0-0.4X2.5	02 04 50 4	10	SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10
(6) Quick tag, with 10 digits for identification in the terminal center			ZP4	8 868 101	100	ZP5	8 868 102	100	ZP6	8 868 103	100
(7) Quick designation strip, with 100 digits for lateral identification	White		ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000	ZBFM6	0 903 618	1000
(8) Test plug	Grey		PS-4	9311242	10	PS-5	9311173	10	PS-6	9311174	10
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		4.2/72/2.2			5.2/72/2.2			6.2/87/2.2		
Height (TH 35.7.5 / TH 35.15)	[mm]		36.5/44			36.5/44			36.5/44		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		17.5/1.5			28/4			40/6		
Rated impulse withstand voltage / degree of pollution	[KV] / -		6/3			8/3			8/3		
Over-voltage category / insulation material group	- / -		III/I			III/I			III/I		
Connection											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-1.5			0.25-2.5			0.25-4		
Stranded wire with tubular bare terminal	[mm ²]		0.25-1.5			0.25-2.5			0.25-4		
Stripping length			10			10			10		
Plug gauge (IEC60947-1)			A1			A3			A4		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		26-16			24-12			24-10		



Spring-Cage Bipotential Din-Rail Terminal block

- This four-conductor spring-cage terminal has the following feature: the guide strip performs the breaking function in the terminal center. In this way, two straight-way terminals are formed in the same layer and located on both sides of this terminal. Additionally, bridging is possible via the FBS plug-in bridgeware on one side.
- This product series has the specific identification in the terminal center. The appearance can distinguish the product series from standard four-conductor terminals.
- The double-tagging bracket is available for identification.



JWD2-1.5a/2-2DK



JWD2-2.5a/2-2DK



JWD2-4a/2-2DK

Terminal thickness: 4.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.14-1.5	0.14-1.5	17.5*	500

* The total current of all connections should not exceed the maximum load current.

Terminal thickness: 5.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-2.5	28*	800

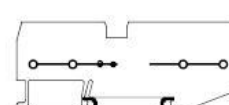
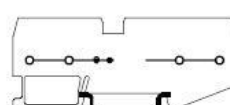
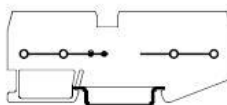
* The total current of all connections should not exceed the maximum load current.

Terminal thickness: 6.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-6	0.2-4	40*	800

* The total current of all connections should not exceed the maximum load current.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on	Grey Blue		JWD2-1.5a/2-2 DK	910305	85	JWD2-2.5a/2-2 DK	910306	70	JWD2-4a/2-2 DK	910307	51
(1) End plate	Grey		G-D2-2.5a/2-2	51 30 51 4	50	G-D2-2.5a/2-2	51 30 51 4	50	G-D2-4a/2-2	51 30 52 7	50
(2) Plug-in bridgeware used for horizontal connection in the terminal center			FBS 2-4	$I_{max}: 17.5A$ 51 30 11 6	200	FBS 2-5	$I_{max}: 24A$ 51 30 16 1	200	FBS 2-6	$I_{max}: 32A$ 51 30 33 6	200
			FBS 3-4	17.5A 51 30 12 9	200	FBS 3-5	24A 51 30 17 4	200	FBS 3-6	32A 51 30 24 2	200
			FBS 4-4	17.5A 51 30 13 2	200	FBS 4-5	24A 51 30 18 7	200	FBS 4-6	32A 51 30 25 5	100
			FBS 5-4	17.5A 51 30 14 5	100	FBS 5-5	24A 51 30 19 0	100	FBS 5-6	32A 51 30 34 9	100
			FBS 10-4	17.5A 51 30 15 8	100	FBS 10-5	24A 51 30 21 3	100	FBS 10-6	32A 51 30 27 1	100
			FBS 20-4	17.5A 51 30 35 2	50	FBS 20-5	24A 51 30 22 6	50	FBS 20-6	32A 51 30 36 5	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2-2	51 30 81 5	50	GF-D2-a/2-2	51 30 81 5	50	GF-D2-a/2-2	51 30 81 5	50
(4) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal			WST1.5	51 30 95 8	100	WST2.5	51 30 94 1	100	WST4	51 30 95 4	100
(5) Screwdriver for spring-cage terminal operation			SZF 0-0.4X2.5	02 04 50 4	10	SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10
(6) Quick tag, with 10 digits for identification in the terminal center	White		ZP4	8 868 101	100	ZP5	8 868 102	100	ZP6	8 868 103	100
(7) Quick designation strip, with 100 digits for lateral identification	White		ZBFM4	0 903 579	1000	ZBFM5	0 903 595	1000	ZBFM6	0 903 618	1000
(8) Test plug	Grey		PS-4	9311242	10	PS-5	9311173	10	PS-6	9311174	10
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		4.2/72/2.2			5.2/72/2.2			6.2/87/2.2		
Height (TH 35.7.5 / TH 35.15)	[mm]		36.5/44			36.5/44			36.5/44		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		17.5/1.5			28/4			40/6		
Rated impulse withstand voltage / degree of pollution	[KV] / -		6/3			8/3			8/3		
Over-voltage category / insulation material group	- / -		III/I			III/I			III/I		
Connection											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-1.5			0.25 -2.5			0.25-4		
Stranded wire with tubular bare terminal	[mm ²]		0.25-1.5			0.25 -2.5			0.25-4		
Stripping length											
Stripping length	[mm]		10			10			10		
Plug gauge (IEC60947-1)			A1			A3			A4		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
American wire gauge (AWG)											
American wire gauge (AWG)			26-16			24-12			24-10		



Spring-Cage 2-IN / 2-OUT Din-Rail Ground Terminal block

- The appearance of the JWD2.../2-2JD ground terminal is consistent with that of the JWD2.../2-2 terminal. Insertion of the terminal on the guide rail can ensure correct mechanical and electric connections.
- The ground terminal JWD2.../2-2JD can meet all the technical requirements of IEC60947-7-2, especially in the following aspects:



JWD2-2.5a/2-2JD



JWD2-4a/2-2JD

- Low contact resistance;
- Corrosion resistance of the contact;
- Yellow + green housing;
- Multiple identification digits

			Terminal thickness: 5.2			Terminal thickness: 6.2		
			Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (mm ²)
			IEC 60947-7-2	0.2-4	0.2-2.5	IEC 60947-7-2	0.2-6	0.2-4
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage ground terminal mounted on 	Yellow+Green		JWD2-2.5a/2-2JD	51 31 32 2	70	JWD2-4a/2-2JD	51 31 46 1	51
(1) End plate	Grey		G-D2-2.5a/2-2	51 30 51 4	50	G-D2-4a/2-2	51 30 52 7	50
(2) Screwdriver for spring-cage terminal operation			SZF1-0.6X3.5	02 04 51 7	10	SZF1-0.6X3.5	02 04 51 7	10
(3) Quick tag, with 10 digits for identification in the terminal center	White		ZP5	8 868 102	100	ZP6	8 868 103	100
(4) Flat quick tag, with 50 digits for lateral identification			ZBFM5	0 903 595	1000	ZBFM6	0 903 618	1000
(5) Test plug	Grey							
Terminal dimensions								
Thickness / length / end plate thickness	[mm]		5.2/72/2.2			6.2/87/2.2		
Height (TH 35:7.5 / TH 35:15)	[mm]		36.5/44			36.5 / 44		
Technical data in accordance with IEC/DIN VDE standards								
Maximum rated working current / cross-sectional area	[A] / [mm ²]		-			-		
Rated impulse withstand voltage / degree of pollution	[KV] / -		8/3			8/3		
Over-voltage category / insulation material group	- / -		III / I			III / I		
Connection								
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5			0.25-4		
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5			0.25-4		
Stripping length			10			10		
Plug gauge (IEC60947-1)			A3			A4		
Insulation material			PA			PA		
Grading as per UL 94			V0			V0		
Certification data (UL and CSA/CUL)								
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		26-12			20-10		



Spring-Cage Double layer Din-Rail Terminal block

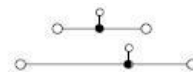
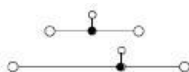


JWD2-2.5a/2



JWD2-4a/2

			Terminal thickness: 5.2				Terminal thickness: 6.2					
			Rigid solid		Flexible multi-conductor	I	Ui	Rigid solid		Flexible multi-conductor	I	Ui
			(mm ²)			(A)	(V)	(mm ²)			(A)	(V)
			IEC 60947-7-1	0.2-4	0.2-2.5	26	500	IEC 60947-7-1	0.2-6	0.2-4	32	500
Description	Color	Schematic diagram	Type	Part Number	Package quantity			Type	Part Number	Package quantity		
Spring-cage terminal mounted on 	Grey		JWD2-2.5a/2	51 31 27 0	80			JWD2-4a/2	51 31 42 9	51		
	Blue		JWD2-2.5a/2 BU	51 31 28 3	80			JWD2-4a/2 BU	51 31 43 2	51		
(1) End plate	Grey		G-D2-2.5a/2	51 30 45 9	50			G-D2-4a/2	51 30 46 2	50		
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-5	51 30 16 1	200			FBS 2-6	51 30 33 6	200		
	3 digits		FBS 3-5	51 30 17 4	200			FBS 3-6	51 30 24 2	200		
	4 digits		FBS 4-5	51 30 18 7	200			FBS 4-6	51 30 25 5	100		
	5 digits		FBS 5-5	51 30 19 0	100			FBS 5-6	51 30 34 9	100		
	10 digits		FBS 10-5	51 30 21 3	100			FBS 10-6	51 30 27 1	100		
	20 digits		FBS 20-5	51 30 22 6	50			FBS 20-6	51 30 36 5	50		
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2	51 30 74 7	50			GF-D2-a/2	51 30 74 7	50		
(4) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5			ZP-a/ZJ2	09 00 96 7	100			ZP-a/ZJ2	09 00 96 7	100		
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal			WST2.5	51 30 94 1	100			WST4	51 30 95 4	100		
(6) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10			SZF 1-0.6X3.5	02 04 51 7	10		
(7) Quick designation strip, with 100 digits for lateral identification	White		ZBFM5	0 903 595	1000			ZBFM6	0 903 618	1000		
(8) Test plug	Grey		PS-5	9311173	10			PS-6	9311174	10		
Terminal dimensions												
Thickness / length / end plate thickness		[mm]	5.2/67.5/2.2					6.2/83.5/2.2				
Height (TH 35.7.5 / TH 35.15)		[mm]	47.5/55					47.5/55				
Technical data in accordance with IEC/DIN VDE standards												
Maximum rated working current / cross-sectional area		[A] / [mm ²]	26/4					32/6				
Rated impulse withstand voltage / degree of pollution		[kV] / -	6/3					6/3				
Over-voltage category / insulation material group		- / -	III/II					III/II				
Connection												
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-2.5					0.25-4				
Stranded wire with tubular bare terminal		[mm ²]	0.25-2.5					0.25-4				
Stripping length			10					10				
Plug gauge (IEC60947-1)			A3					A4				
Insulation material			PA					PA				
Grading as per UL 94			V0					V0				
Certification data (UL and CSA/CUL)												
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	300/20/26-12					300/30/20-10				



Spring-Cage Double layer Din-Rail Terminal block



JWD2-2.5a/2SJ

(top and bottom interconnected)

Terminal thickness: 5.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-4	0.2-2.5	26*	500
* The total current of all connections should not exceed the maximum load current.				



JWD2-4a/2SJ

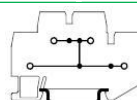
(top and bottom interconnected)

Terminal thickness: 6.2

	Rigid solid	Flexible multi-conductor	I	Ui
	(mm ²)	(mm ²)	(A)	(V)
IEC 60947-7-1	0.2-6	0.2-4	32	500
* The total current of all connections should not exceed the maximum load current.				

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity		
Spring-cage terminal mounted on 	Grey		JWD2-2.5a/2SJ	51 31 53 9	80	JWD2-4a/2SJ	51 31 54 2	51		
(1) End plate	Grey		G-D2-2.5a/2	51 30 45 9	50	G-D2-4a/2	51 30 46 2	50		
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits		FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 FBS 20-5	I_{max} : 20A 20A 20A 20A 20A 20A	51 30 16 1 51 30 17 4 51 30 18 7 51 30 19 0 51 30 21 3 51 30 22 6	200 200 100 100 100 50	FBS2-6 FBS3-6 FBS4-6 FBS5-6 FBS10-6 FBS20-6	I_{max} : 22A 22A 22A 22A 22A 22A	51 30 33 6 51 30 24 2 51 30 25 5 51 30 34 9 51 30 27 1 51 30 36 5	200 200 100 100 100 50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2	51 30 74 7	50	GF-D2-a/2	51 30 74 7	50		
(4) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5			ZP-a/ZJ2	09 00 96 7	100	ZP-a/ZJ2	09 00 96 7	100		
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal			WST2.5	51 30 94 1	100	WST4	51 30 95 4	100		
(6) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.8X4.0	02 04 51 7	10		
(7) Flat quick designation strip, with 100 digits for lateral identification	White		ZBFM5	0 903 595	1000	ZBFM6	0 903 618	1000		
(8) Test plug	Grey		PS-5	9311173	10	PS-6	9311174	10		
Terminal dimensions										
Thickness / length / end plate thickness [mm]			5.2 / 67.5 / 2.2			6.2 / 83.5 / 2.2				
Height (TH 35:7.5 / TH 35:15) [mm]			47.5/55			47.5/55				
Technical data in accordance with IEC/DIN VDE standards										
Maximum rated working current / cross-sectional area [A] / [mm²]			26/4			32/6				
Rated impulse withstand voltage / degree of pollution [kV] / -			6/3			6/3				
Over-voltage category / insulation material group - / -			III/I			III/I				
Connection										
Stranded wire with tubular pre-insulated terminal [mm²]			0.25-2.5			0.25-4				
Stranded wire with tubular bare terminal [mm²]			0.25-2.5			0.25-4				
Stripping length [mm]			10			10				
Plug gauge (IEC60947-1)			A3			A4				
Insulation material			PA			PA				
Grading as per UL 94			V0			V0				
Certification data (UL and CSA/CUL)										
Rated working voltage / rated working current / wire gauge UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG			300/20/26-12			300/30/20-10				

- The double layers of this double-layer spring-cage terminal are interconnected. The marking on the housing can indicate whether a terminal is equipotential.
- Bridging is allowed for the JWD2.../2SJ terminal. Therefore, this product can also be used as a compact power distribution terminal.



Spring-Cage Double layer Din-Rail Terminal block

- The appearance of the JWD2-...JD terminal is consistent with that of the JWD2-... terminal. They are ground terminals.
- Insertion of the terminal on the guide rail can ensure correct mechanical and electric connections.
- The JWD2-...JD can meet all the technical requirements of IEC60947-7-2, especially in the following aspects:



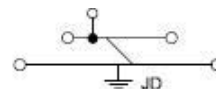
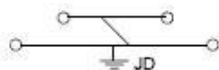
JWD2-2.5a/2JD
(top and bottom interconnected)



JWD2-4a/2JD
(top and bottom interconnected)

- Low contact resistance;
- Corrosion resistance of the contact;
- Yellow + green housing;
- Multiple identification digits

- Low contact resistance; - Corrosion resistance of the contact; - Yellow + green housing; - Multiple identification digits			Terminal thickness: 5.2			Terminal thickness: 6.2			
			Rigid solid		Flexible multi-conductor (mm ²)	Rigid solid		Flexible multi-conductor (mm ²)	
			IEC 60947-7-2	0.2-4	0.2-2.5	IEC 60947-7-2	0.2-6	0.2-4	
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Spring-cage terminal mounted on	Yellow + green		JWD2-2.5a/2JD	51 36 02 6	80	JWD2-4a/2JD	51 36 03 9	51	
(1) End plate	Grey		G-D2-2.5a/2	51 30 45 9	50	G-D2-4a/2	51 30 46 2	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits					FBS2-6	I _{max} :32A	51 30 33 6	200
	3 digits					FBS3-6	32A	51 30 24 2	200
	4 digits					FBS4-6	32A	51 30 25 5	200
	5 digits					FBS5-6	32A	51 30 34 9	100
	10 digits					FBS10-6	32A	51 30 27 1	100
	20 digits					FBS20-6	32A	51 30 36 5	50
(3) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5			ZP-a/ZJ2	09 00 96 7	100	ZP-a/ZJ2	09 00 96 7	100	
(4) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10	
(5) Flat quick designation strip, with 100 digits for lateral identification	White		ZBFM5	0 903 595	1000	ZBFM6	0 903 618	1000	
(6) Test plug	Grey								
Terminal dimensions									
Thickness / length / end plate thickness	[mm]		5.2/67.5/2.2			6.2/83.5/2.2			
Height (TH 35:7.5 / TH 35:15)	[mm]		47.5/55			47.5/55			
Technical data in accordance with IEC/DIN VDE standards									
Maximum rated working current / cross-sectional area	[A] / [mm ²]		—			—			
Rated impulse withstand voltage / degree of pollution	[kV] / -		6/3			6/3			
Over-voltage category / insulation material group	- / -		III/1			III/1			
Connection									
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5			0.25-4			
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5			0.25-4			
Stripping length			10			10			
Plug gauge (IEC60947-1)			A3			A4			
Insulation material			PA			PA			
Grading as per UL 94			V0			V0			
Certification data (UL and CSA/CUL)									
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		26-12			20-10			



Spring-Cage Double Layer Phase Conductor & Ground Din-Rail Terminal block

Double-Layer Phase Conductor & Ground Type

Double-Layer Null Line & Ground Type

Double-Layer Phase Conductor & Null Line

Type



JWD2-2.5a/2-JD/L



JWD2-2.5a/2-JD/N



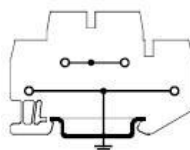
JWD2-2.5a/2-L/N

Terminal thickness: 5.2

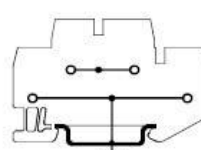
Terminal thickness: 5.2

Terminal thickness: 5.2

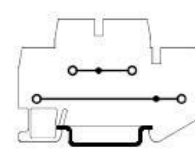
			Terminal thickness: 5.2					Terminal thickness: 5.2					Terminal thickness: 5.2					
			(IEC) (mm ²)	Rigid solid	Flexible multi-conductor	I (A)	Ui (V)	(IEC) (mm ²)	Rigid solid	Flexible multi-conductor	I (A)	Ui (V)	(IEC) (mm ²)	Rigid solid	Flexible multi-conductor	I (A)	Ui (V)	
			DIN 0611	VDE 02-4	0.2-4	0.2-2.5	32 500	DIN 0611	VDE 02-4	0.2-2.5	32 500		DIN 0611	VDE 02-4	0.2-4	0.2-2.5	26 500	
Description	Color	Schematic diagram	Type	Part Number	Package quantity				Type	Part Number	Package quantity				Type	Part Number	Package quantity	
Spring-cage terminal mounted on	Grey		JWD2-2.5a/2-JD/L	910320	51				JWD2-2.5a/2-JD/N	910321	51				JWD2-2.5a/2-L/N	910322	51	
(1) End plate	Grey		G-D2-2.5a/2	51 30 45 9	50				G-D2-2.5a/2	51 30 45 9	50				G-D2-2.5a/2	51 30 45 9	50	
(2) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits		FBS 2-5	I_{max} :20A	30 30 16 1	200				FBS 2-5	I_{max} :20A	30 30 16 1	200				FBS 2-5	I_{max} :20A
	3 digits		FBS 3-5	20A	30 30 17 4	200				FBS 3-5	20A	30 30 17 4	200				FBS 3-5	20A
	4 digits		FBS 4-5	20A	30 30 18 7	200				FBS 4-5	20A	30 30 18 7	200				FBS 4-5	20A
	5 digits		FBS 5-5	20A	30 30 19 0	100				FBS 5-5	20A	30 30 19 0	100				FBS 5-5	20A
	10 digits		FBS 10-5	20A	30 30 21 3	100				FBS 10-5	20A	30 30 21 3	100				FBS 10-5	20A
20 digits	FBS 20-5	20A	30 30 22 6	50				FBS 20-5	20A	30 30 22 6	50				FBS 20-5	20A	30 30 22 6	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2-2	51 30 74 7	50				GF-D2-a/2-2	51 30 74 7	50				GF-D2-a/2	51 30 74 7	50	
(4) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5			ZP-a/ZJ2	09 00 96 7	100				ZP-a/ZJ2	09 00 96 7	100				ZP-a/ZJ2	09 00 96 7	100	
(5) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal			WST2.5	51 30 94 1	100				WST2.5	51 30 94 1	10				WST2.5	51 30 94 1	10	
(6) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10				SZF 1-0.6X3.5	02 04 51 7	100				SZF 1-0.6X3.5	02 04 51 7	100	
(7) Quick designation strip, with 100 digits for lateral identification	White		ZBFM5	0 903 595	1000				ZBFM5	0 903 595	1000				ZBFM5	0 903 595	1000	
(8) Test plug	Grey																	
Terminal dimensions																		
Thickness / length / end plate thickness	[mm]		5.2/67.5/2.2					5.2/67.5/2.2					5.2/67.5/2.2					
Height (TH 35:7.5 / TH 35:15)	[mm]		47.5 / 55					47.5/55					47.5/55					
Technical data in accordance with IEC/DIN VDE standards																		
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4					32/4					26/4					
Rated impulse withstand voltage / degree of pollution	[kV] / -		6/3					6/3					6/3					
Over-voltage category / insulation material group	- / -		III/I					III/I					III/I					
Connection																		
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5					0.25-2.5					0.25-2.5					
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5					0.25-2.5					0.25-2.5					
Stripping length			10					10					10					
Plug gauge (IEC60947-1)			A3					A3					A3					
Insulation material			PA					PA					PA					
Grading as per UL 94			V0					V0					V0					
Certification data (UL and CSA/CUL)																		
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	300/20/26-12 -					- -					300/20/26-12 -					



JWD2-2.5a/2-JD/L



JWD2-2.5a/2-JD/N



JWD2-2.5a/2-L/N

Spring-Cage Spring assembly elements Din-Rail Terminal block

The thickness of the JWD2-2.5a/2-2LA spring terminal is 5.2 mm. It can play the role of various switches. Upon request, the IN4007 diode can be soldered from left to right or from right to left to provide a three-conductor or four-conductor terminal and can be used for connecting multiple conductors.

The RL207 diode is built in JWD2-4a/2-2LA.

The maximum persistent current is 2 A.

1) Maximum current subject to the diode used



JWD2-2.5a/LA

With diode

Terminal thickness: 5.2				
Rigid solid	Flexible multi-conductor	I	Ui	
	(mm ²)	(A)	(V)	
0.2-4	0.2-2.5	1)	500	
Built-in IN4007 diode				
Reverse voltage: 1000 V				
Maximum persistent current: 1 A				



JWD2-2.5a/1-2LA

With diode

Terminal thickness: 5.2				
Rigid solid	Flexible multi-conductor	I	Ui	
	(mm ²)	(A)	(V)	
0.2-4	0.2-2.5	1)	500	
Built-in IN4007 diode				
Reverse voltage: 1000 V				
Maximum persistent current: 1 A				



JWD2-2.5a/2-2LA

With diode

Terminal thickness: 5.2				
Rigid solid	Flexible multi-conductor	I	Ui	
	(mm ²)	(A)	(V)	
0.2-4	0.2-2.5	1)	500	
Built-in IN4007 diode				
Reverse voltage: 1000 V				
Maximum persistent current: 1 A				

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage terminal with 1N 4007 diode, turned-on from left to right			JWD2-2.5a/LA/L-R Figure 1	51 36 26 2	100	JWD2-2.5a/1-2LA/L-R Figure 3	51 36 24 6	85	JWD2-2.5a/2-2LA/L-R Figure 5	51 36 23 3	70
Spring-cage terminal with 1N 4007 diode, turned-on from right to left			JWD2-2.5a/LA/R-L Figure 2	51 36 51 8	50	JWD2-2.5a/1-2LA/R-L Figure 4	51 36 52 1	50	JWD2-2.5a/2-2LA/R-L Figure 6	51 36 53 4	50
(1) End plate	Grey		G-D2-2.5a	51 30 41 7	50	G-D2-2.5a/1-2	51 30 48 8	50	G-D2-2.5a/2-2	51 30 51 4	50
(2) Plug-in bridgeware used for horizontal connection in the terminal center			FBS 2-5	51 30 16 1	200	FBS 2-5	51 30 16 1	200	FBS 2-5	51 30 16 1	200
	2 digits		FBS 3-5	51 30 17 4	200	FBS 3-5	51 30 17 4	200	FBS 3-5	51 30 17 4	200
	3 digits		FBS 4-5	51 30 18 7	200	FBS 4-5	51 30 18 7	200	FBS 4-5	51 30 18 7	100
	4 digits		FBS 5-5	51 30 19 0	100	FBS 5-5	51 30 19 0	100	FBS 5-5	51 30 19 0	100
	5 digits		FBS 10-5	51 30 21 3	100	FBS 10-5	51 30 21 3	100	FBS 10-5	51 30 21 3	100
	10 digits		FBS 20-5	51 30 22 6	50	FBS 20-5	51 30 22 6	50	FBS 20-5	51 30 22 6	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a	51 30 72 1	10	GF-D2-a/1-2	51 30 78 9	50	GF-D2-a/2-2	51 30 81 5	50
(4) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal			WST2.5	51 30 94 1	100	WST2.5	51 30 94 1	100	WST2.5	51 30 94 1	100
(5) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10
(6) Quick tag, with 10 digits for identification in the terminal center			ZP5	8 868 102	100	ZP5	8 868 102	100	ZP5	8 868 102	100
(7) Quick tag, with 100 digits for lateral identification			ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000
(8) Test plug	Grey		PS-5	9311173	10	PS-5	9311173	10	PS-5	9311173	10
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		5.2/48.5/2.2			5.2/60.5/2.2			5.2/72/2.2		
Height (TH 35:7.5 / TH 35:15)	[mm]		36.5/44			36.5/44			36.5/44		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		1) 4			V4			1) 4		
Rated impulse withstand voltage / degree of pollution	[KV] / -		4/3			4/3			4/3		
Over-voltage category / insulation material group	- / -		III/I			III/I			III/I		
Connection											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stripping length											
Stripping length	[mm]		10			10			10		
Plug gauge (IEC60947-1)			A3			A3			A3		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		300/20/26-12			-			600/20/26-12		
			Applications as follow current protection of relay coil and solenoid valve; Also used for reverse polarity protection			Applications as follow current protection of relay coil and solenoid valve; Also used for reverse polarity protection			Applications as follow current protection of relay coil and solenoid valve; Also used for reverse polarity protection		

Spring-Cage Diode Din-Rail Terminal block

The thickness of the JWD2-2.5a/2-2LA spring terminal is 5.2 mm. It can play the role of various switches. Upon request, the IN4007 diode can be soldered from left to right or from right to left to provide a three-conductor or four-conductor terminal and can be used for connecting multiple conductors.



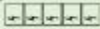
JWD2-4a/2-2LA
With diode



JWD2-4a/R

The RL207 diode is built in JWD2-4a/2-2LA. The maximum persistent current is 2 A.

1) Maximum current subject to the diode used

maximum persistent current: 2 A						
Description	Color	Schematic diagram	Type	Part Number	Package quantity	
Spring-cage terminal with 1N 4007 diode, turned-on from left to right			JWD2-4a/2-2LA/L-R Figure 5	51 37 78 2	51	
Spring-cage terminal with 1N 4007 diode, turned-on from right to left			JWD2-4a/2-2LA/R-L Figure 6	51 37 79 5	50	
(1) End plate	Grey		G-D2-4a/2-2	51 30 52 7	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits		FBS 2-6	I_{max} :32A	51 30 33 6	200
	3 digits		FBS 3-6	32A	51 30 24 2	200
	4 digits		FBS 4-6	32A	51 30 25 5	200
	5 digits		FBS 5-6	32A	51 30 34 9	100
	10 digits		FBS 10-6	32A	51 30 27 1	100
	20 digits		FBS 20-6	32A	51 30 36 5	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a/2-2	51 30 81 5	50	
(4) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal			WST4	51 30 95 4	100	
(5) Screwdriver			SZF 1-0.6X3.5	02 04 51 7	10	
(6) Quick tag, with 10 digits for identification in the terminal center			ZP6	8 868 103	100	
(7) Quick tag, with 100 digits for lateral identification			ZBFM6	0903618	1000	
(8) Test plug	Grey		PS-6	9311174	10	
Terminal dimensions						
Thickness / length / end plate thickness	[mm]	6.2/87/2.2				
Height (TH 35:7.5 / TH 35:15)	[mm]	36.5/44				
Technical data in accordance with IEC/DIN VDE standards						
Maximum rated working current / cross-sectional area	[A] / [mm²]	1) y6				
Rated impulse withstand voltage / degree of pollution	[KV] / -	4/3				
Over-voltage category / insulation material group	- / -	III/II				
Connection						
Stranded wire with tubular pre-insulated terminal	[mm²]	0.25-4				
Stranded wire with tubular bare terminal	[mm²]	0.25-4				
Stripping length			[mm]	10		
Plug gauge (IEC60947-1)			A4			
Insulation material			PA			
Grading as per UL 94			V0			
Certification data (UL and CSA/CUL)						
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG CSA/CUL-[V]/[A]/AWG		-			

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

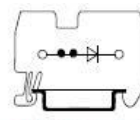


Figure 1

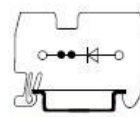


Figure 2

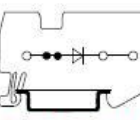


Figure 3

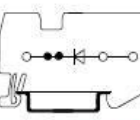


Figure 4

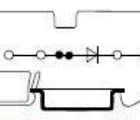


Figure 5

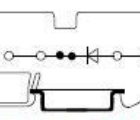


Figure 6

Terminal thickness: 6.2			Rigid solid	Flexible multi-conductor	I	Ui
			(mm ²)	(mm ²)	(A)	(V)
			0.2-6	0.2-4	40*	800

Equipped with 1/4W metal film resistor, with the resistance value to be determined by the customer
* Current depends on the resistor power.

Current depends on the resistor power.				
Type		Part Number	Package quantity	
2	JWD2-4a/R	9712302	72	
	G-D2-4a	51 30 42 0	50	
	FBS 2-6	I_{max} :32A	51 30 33 6	200
	FBS 3-6	32A	51 30 24 2	200
	FBS 4-6	32A	51 30 25 5	100
	FBS 5-6	32A	51 30 34 9	100
	FBS 10-6	32A	51 30 27 1	100
	FBS 20-6	32A	51 30 36 5	50
	GF-D2-4a		51 30 72 1	50
	WST4		51 30 95 4	100
	SZF 1-0.6X3.5		02 04 51 7	10
	ZP6		8 868 103	100
4	ZBFM6	0 903 618	1000	
	PS-6	9311174	10	

Terminal dimensions	
Thickness / length / end plate thickness	[mm] 6.2/56 / 2.2
Height (TH 35:7.5 / TH 35:15)	[mm] 36.5/44
Technical data in accordance with IEC/DIN VDE standards	
Maximum rated working current / cross-sectional area	[A] / [mm ²] 40/6
Rated impulse withstand voltage / degree of pollution	[KV] / - 8/3
Over-voltage category / insulation material group	- / - III/II
Connection	
Stranded wire with tubular pre-insulated terminal	[mm ²] 0.25-4
Stranded wire with tubular bare terminal	[mm ²] 0.25-4
Stripping length	[mm] 10
Plug gauge (IEC60947-1)	A4
Insulation material	PA
Grading as per UL 94	V0
Certification data (UL and CSA/CUL)	
Rated working voltage / rated working current / wire gauge	600/30/20-10



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

Spring-Cage Diode Din-Rail Terminal block



JWD2-2.5a/2LA

With diode



JWD2-2.5a/2LA/UL-UR

The diode is located on the bottom and turned on from left to right.

Terminal thickness: 5.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	26 ¹⁾	500

Built-in IN4007 diode
Reverse voltage: 1000 V
Maximum persistent current: 1 A

Terminal thickness: 5.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	26 ¹⁾	500

Built-in IN4007 diode
Reverse voltage: 1000 V
Maximum persistent current: 1 A

¹⁾ Maximum current subject to the diode used

Description			Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Spring-cage terminal ¹⁾ with IN 4007 diode, turned-on from top to bottom				Figure 1	JWD2-2.5a/2LA/O-U	51 31 55 5	80			
Spring-cage terminal ¹⁾ with IN4007 diode, turned-on from bottom to top				Figure 2	JWD2-2.5a/2LA/U-O	51 31 56 3	80			
Spring-cage terminal ¹⁾ with IN 4007 diode, turned-on from left to right				Figure 3				JWD2-2.5a/2LA/UL-UR	51 31 57 1	80
Spring-cage terminal ¹⁾ with two IN4007 diodes, turned-on from top to left bottom and from right bottom to left bottom				Figure 4						
Spring-cage terminal ¹⁾ with two integrated IN4007 diodes, turned-on from top to left bottom and from top to right bottom				Figure 5						
Spring-cage terminal with indicator lamp	15-30 DC	2.5-7.5	Figure 6							
	30-60 DC	1.9-4.0								
	110-230 AC / direct	0.5-1.0								
(1) End plate	Grey		G-D2-2.5a/2		51 30 45 9	50	G-D2-2.5a/2	51 30 45 9	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits		FBS 2-5	<i>I</i> _{max} :20A	51 30 16 1	200	FBS 2-5	<i>I</i> _{max} :20A	51 30 16 1	200
	3 digits		FBS 3-5	20A	51 30 17 4	200	FBS 3-5	20A	51 30 17 4	200
	4 digits		FBS 4-5	20A	51 30 18 7	200	FBS 4-5	20A	51 30 18 7	200
	5 digits		FBS 5-5	20A	51 30 19 0	100	FBS 5-5	20A	51 30 19 0	100
	10 digits		FBS 10-5	20A	51 30 21 3	100	FBS 10-5	20A	51 30 21 3	100
	20 digits		FBS 20-5	20A	51 30 22 6	50	FBS 20-5	20A	51 30 22 6	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm				GF-D2-a/2	51 30 74 7	50	GF-D2-a/2	51 30 74 7	50	
(4) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5				ZP-a/ZJ2	09 00 96 7	100	ZP-a/ZJ2	09 00 96 7	100	
(5) Flat quick designation strip, with 100 digits for lateral identification				ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000	
(8) Test plug	Grey		PS-5		9311173	10	PS-5	9311173	10	
Terminal dimensions										
Thickness / length / end plate thickness		[mm]	5.2/67.5/2.2			5.2/67.5/2.2				
Height (TH 35:7.5 / TH 35:15)		[mm]	47.5/55			47.5/55				
Technical data in accordance with IEC/DIN VDE standards										
Maximum rated working current / cross-sectional area		[A] / [mm ²]	26/4			26/4				
Rated impulse withstand voltage / degree of pollution		[kV] / -	6/3			6/3				
Over-voltage category / insulation material group		- / -	III/I			III/I				
Connection										
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-2.5			0.25-2.5				
Stranded wire with tubular bare terminal		[mm ²]	0.25-2.5			0.25-2.5				
Stripping length		[mm]	10			10				
Plug gauge (IEC60947-7-1)			A3			A3				
Insulation material			PA			PA				
Grading as per UL 94			V0			V0				
Certification data (UL and CSA/CUL)										
Rated working voltage / rated working current / wire gauge		UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG	300/20/26-12			300/20/26-12				

Applications as follow current protection of relay coil and solenoid valve;

Applications as power supply and reverse polarity protection

Spring-Cage Double layer Spring assembly elements Din-Rail Terminal block

A variety of double-layer terminals with diode and indicator lamp can easily perform different circuit switch functions.

The following configuration can be achieved in the minimum space:

- Damping diode circuit
- Test lamp circuit
- Signal and faulty signal circuits



JWD2-2.5a/2LA2
With two diodes



JWD2-2.5a/2LED
With indicator lamp

¹⁾ Maximum current subject to the diode used

Terminal thickness: 5.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	26 ¹⁾	500

Built-in IN4007 diode
Reverse voltage: 1000 V
Maximum persistent current: 1 A

Terminal thickness: 5.2

Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)	(mm ²)	(A)	(V)
0.2-4	0.2-2.5	26 ¹⁾	500

* Voltage subject to the light emitting diode

Maximum persistent current: 1 A									
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Spring-cage terminal ¹⁾ with IN 4007 diode, turned-on from top to bottom		Figure 1							
Spring-cage terminal ¹⁾ with IN4007 diode, turned-on from bottom to top		Figure 2							
Spring-cage terminal ¹⁾ with IN 4007 diode, turned-on from left to right		Figure 3							
Spring-cage terminal ¹⁾ with two IN4007 diodes, turned-on from top to left bottom and from right bottom to left bottom		Figure 4	JWD2-2.5a/2LA2/O-UL/UR-UL	51 31 58 4	80				
Spring-cage terminal ¹⁾ with two integrated IN4007 diodes, turned-on from top to left bottom and from top to right bottom		Figure 5	JWD2-2.5a/2LA2/O-UL/O-UR	51 31 59 7	80				
Spring-cage terminal with indicator lamp	15-30 DC 30-60 DC 110-230 AC / direct	2.5-7.5 1.9-4.0 0.5-1.0				JWD2-2.5a/2LED 24 RD JWD2-2.5a/2LED 60 RD JWD2-2.5a/2LED 230 RD	51 31 60 7 51 31 61 0 51 31 62 3	80 80 80	
(1) End plate	Grey		G-D2-2.5a/2	51 30 45 9	50	G-D2-2.5a/2	51 30 45 9	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits		FBS 2-5	I _{max} :20A	51 30 16 1	FBS 2-5	I _{max} :20A	51 30 16 1	
	3 digits		FBS 3-5	20A	51 30 17 4	FBS 3-5	20A	51 30 17 4	
	4 digits		FBS 4-5	20A	51 30 18 7	FBS 4-5	20A	51 30 18 7	
	5 digits		FBS 5-5	20A	51 30 19 0	FBS 5-5	20A	51 30 19 0	
	10 digits		FBS 10-5	20A	51 30 21 3	FBS 10-5	20A	51 30 21 3	
	20 digits		FBS 20-5	20A	51 30 22 6	FBS 20-5	20A	51 30 22 6	
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2	51 30 74 7	50	GF-D2-a/2	51 30 74 7	50	
(4) Double-tagging bracket inserted in the double-layer spring-cage terminal JWD2.../2, identified with ZP5 and ZBFM5			ZP-a/ZJ2	09 00 96 7	100	ZP-a/ZJ2	09 00 96 7	100	
(5) Flat quick designation strip, with 100 digits for lateral identification			ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000	
(6) Test plug	Grey		PS-5	9311173	10	PS-5	9311173	10	
Terminal dimensions									
Thickness / length / end plate thickness			[mm]	5.2/67.5/2.2		5.2/67.5/2.2			
Height (TH 35:7.5 / TH 35:15)			[mm]	47.5/55		47.5/55			
Technical data in accordance with IEC/DIN VDE standards									
Maximum rated working current / cross-sectional area			[A] / [mm²]	26/4		26/4			
Rated impulse withstand voltage / degree of pollution			[KV] / -	6/3		6/3			
Over-voltage category / insulation material group			- / -	III/I		III/I			
Connection									
Stranded wire with tubular pre-insulated terminal			[mm²]	0.25-2.5		0.25-2.5			
Stranded wire with tubular bare terminal			[mm²]	0.25-2.5		0.25-2.5			
Stripping length			[mm]	10		10			
Plug gauge (IEC60947-7-1)				A3		A3			
Insulation material				PA		PA			
Grading as per UL 94				VO		VO			
Certification data (UL and CSA/CUL)									
Rated working voltage / rated working current / wire gauge			UL-[V]/[A]/AWG CSA/CUL-[V]/[A]/AWG	300/20/26-12		300/20/26-12			

Lighting circuit test application

Voltage d.c. indication

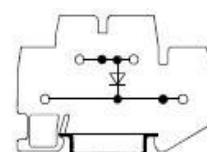


Figure 1

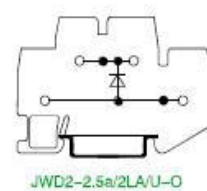


Figure 2

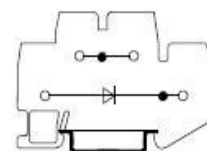


Figure 3

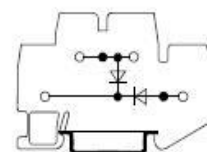


Figure 4

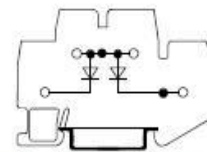


Figure 5

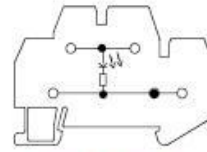


图6

Spring-Cage Pluggable Din-Rail Terminal block

The JWD2-a/...P housing terminal with different specifications can meet diversified needs, including straight-way 1-IN / 1-OUT terminal, 2-IN / 2-OUT terminal, and double-layer terminal with two inlets. The standard accessories of JWD2 can be used for the JWD2-a/...P product.



JWD2-2.5a/1P



JWD2-2.5a/2-1P



JWD2-2.5a/2-2P

Terminal thickness: 5.2						Terminal thickness: 5.2						Terminal thickness: 5.2					
(IEC)	Rigid solid	Flexible multi-conductor	I	Ui		(IEC)	Rigid solid	Flexible multi-conductor	I	Ui		(IEC)	Rigid solid	Flexible multi-conductor	I	Ui	
(mm ²)		(mm ²)	(A)	(V)		(mm ²)		(mm ²)	(A)	(V)		(mm ²)		(mm ²)	(A)	(V)	
IEC 61984	0.08-4	0.08-2.5	24	500		IEC 61984	0.08-4	0.08-2.5	24 ¹⁾	500		IEC 61984	0.08-4	0.08-2.5	24 ¹⁾	500	

1) The total current of all connections should not exceed the maximum load current.

1) The total current of all connections should not exceed the maximum load current.

Description			Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal mounted on 					Grey	JWD2-2.5a/1P	51 40 01 2	100	JWD2-2.5a/2-1P	51 42 11 7	85	JWD2-2.5a/2-2P	51 40 03 8
					Blue	JWD2-2.5a/1P BU	51 40 65 6	100	JWD2-2.5a/2-1P BU	51 42 10 4	85	JWD2-2.5a/2-2P BU	51 40 66 9
(1) End plate 					Grey	G-D2-2.5a	51 30 41 7	50	G-D2-2.5a/1-2	51 30 48 8	50	G-D2-2.5a/2-2P-1	51 40 08 3
(2) End plate 												G-D2-2.5a/2-2P-2	51 41 01 1
(3) Plug-in bridgware used for horizontal connection in the terminal center					2 digits	FBS 2-5	I_{max} :24A	51 30 16 1	200	FBS 2-5	I_{max} :24A	51 30 16 1	200
					3 digits	FBS 3-5	24A	51 30 17 4	200	FBS 3-5	24A	51 30 17 4	200
					4 digits	FBS 4-5	24A	51 30 18 7	200	FBS 4-5	24A	51 30 18 7	200
					5 digits	FBS 5-5	24A	51 30 19 0	100	FBS 5-5	24A	51 30 19 0	100
					10 digits	FBS 10-5	24A	51 30 21 3	100	FBS 10-5	24A	51 30 21 3	100
					20 digits	FBS 20-5	24A	51 30 22 6	50	FBS 20-5	24A	51 30 22 6	50
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm 						GF-D2-4a	51 30 72 1	50	GF-D2-a/1-2	51 30 78 9	50	GF-D2-a/2-2	51 30 81 5
(5) Screwdriver for spring-cage terminal operation 						SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7
(6) Warning panel mounted at the operation port of the D2-a "Miniature Spring" spring-cage terminal, with 5 digits						WST 2.5	51 30 94 1	100	WST 2.5	51 30 94 1	100	WST 2.5	51 30 94 1
(7) Quick tag, with 10 digits for identification in the terminal center					White	ZP5	8 868 102	100	ZP5	8 868 102	100	ZP5	8 868 102
(8) Quick tag, with 50 digits for lateral identification					White	ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000	ZBFM5	0 903 595
(9) Test plug 					Grey	PS-5	9311173	10	PS-5	9311173	10	PS-5	9311173
Terminal dimensions													
Thickness / length / end plate thickness [mm]					5.2/48.5/2.2				5.2/60.5/2.2				
Height (TH 35:7.5 / TH 35:15) [mm]					36.5/44				36.5/44				
Technical data in accordance with IEC/DIN VDE standards													
Maximum rated working current / cross-sectional area [A] / [mm ²]					24/4				24 ¹⁾ /4				
Connection													
Stranded wire with tubular pre-insulated terminal [mm ²]					0.25-2.5				0.25-2.5				
Stranded wire with tubular bare terminal [mm ²]					0.25-2.5				0.25-2.5				
Stripping length [mm]					10				10				
Plug gauge (IEC60947-1)					A3				A3				
Insulation material					PA				PA				
Grading as per UL 94					V0				V0				
Rated working voltage / rated working current / wire gauge UL-[V]/[A]/AWG					600/20/24-12				600/20/28-12				



Spring-Cage Pluggable Din-Rail Terminal block

The appearance of the ground terminal is consistent with that of the straight-way terminal. Inserting the terminal into the guide rail can ensure stable mechanical and electric connections.

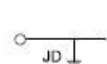


JWD2-2.5a/1PJD

Terminal thickness: 5.2

(IEC) (mm ²)	Rigid solid	Flexible multi-conductor (mm ²)
IEC 61984	0.08-4	0.08-2.5

Description	Color	Schematic diagram	Type	Part Number	Package quantity
Ground terminal mounted on	Yellow + green		JWD2-2.5a/1 PJD	51 40 02 5	100
(1) End plate	Grey		G-D2-2.5a	51 30 41 7	50
(2) End plate					
(3) Plug-in bridgeware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits				
(4) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a	51 30 72 1	50
(5) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10
(6) Warning panel mounted at the operation port of the D2 "Miniature Spring" spring-cage terminal, with 5 digits			WST 2.5	51 30 94 1	100
(7) Quick tag, with 10 digits for identification in the terminal center	White		ZP5	8 868 102	100
(8) Quick tag, with 50 digits for lateral identification	White		ZBFM5	0 903 595	1000
(9) Test plug	Grey				
Terminal dimensions					
Thickness / length /end plate thickness		[mm]	5.2/48.5/2.2		
Height (TH 35:7.5 / TH 35:15)		[mm]	36.5/44		
Technical data in accordance with IEC/DIN VDE standards					
Maximum rated working current / cross-sectional area		[A] / [mm ²]	-/4		
Connection					
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-2.5		
Stranded wire with tubular bare terminal		[mm ²]	0.25-2.5		
Stripping length		[mm]	10		
Plug gauge (IEC60947-1)			A3		
Insulation material			PA		
Grading as per UL 94			V0		
Certification data (UL and CSA/CUL)					
Rated working voltage / rated working current / wire gauge		UL: [V] / [A] / AWG	-/-26-12		



Spring-Cage Double Layer Pluggable Din-Rail Terminal block



JWD2-2.5/5.08



JWD2-2.5/5.08L

Compared to the single-layer housing terminal, JWD2-2.5/5.08 double-layer terminal has a smaller footprint, and various bridging functions can be achieved on both layers via the FBS brideware.

Terminal thickness: 5.2

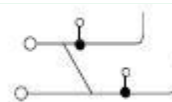
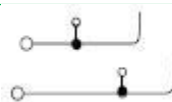
(IEC)	Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)		(mm ²)	(A)	(V)
IEC 61984	0.2-4	0.2-2.5	22	500

Terminal thickness: 5.2

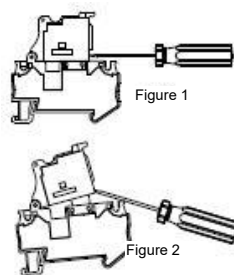
(IEC)	Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)		(mm ²)	(A)	(V)
IEC 61984	0.2-4	0.2-2.5	22 ¹⁾	500

1) The total current of all the connected conductors should not exceed the maximum load current.

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	
Terminal mounted on 	Grey Blue		JWD2-2.5/5.08 JWD2-2.5/5.08 BU	51 40 05 4 51 40 67 2	70 70	JWD2-2.5/5.08L JWD2-2.5/5.08L BU	51 40 07 0 51 40 68 5	70 70	
Ground terminal mounted on 	Yellow + green								
(1) End plate			G-D2-2.5/5.08	51 40 09 6	50	G-D2-2.5/5.08	51 40 09 6	50	
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits		FBS2-5	I_{max} :24A	51 30 16 1	FBS2-5	I_{max} :24A	51 30 16 1	200
	3 digits		FBS3-5	24A	51 30 17 4	FBS3-5	24A	51 30 17 4	200
	4 digits		FBS4-5	24A	51 30 18 7	FBS4-5	24A	51 30 18 7	200
	5 digits		FBS5-5	24A	51 30 19 0	FBS5-5	24A	51 30 19 0	100
	10 digits		FBS10-5	24A	51 30 21 3	FBS10-5	24A	51 30 21 3	100
	20 digits		FBS20-5	24A	51 30 22 6	FBS20-5	24A	51 30 22 6	50
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-a/2	51 30 74 7	50	GF-D2-a/2	51 30 74 7	50	
(4) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10	
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal, with 5 digits			WST 2.5	51 30 94 1	100	WST2.5	51 30 94 1	100	
(6) Quick designation strip for lateral identification of terminals			ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000	
(7) Test plug	Grey		PS-5	9311173	10	PS-5	9311173	10	
Terminal dimensions									
Thickness / length / end plate thickness	[mm]		5.2/71.5/2.2			5.2/71.5/2.2			
Height (TH 35:7.5 / TH 35:15)	[mm]		47.5/55			47.5/55			
Technical data in accordance with IEC/DIN VDE standards									
Maximum rated working current / cross-sectional area	[A] / [mm²]		22/4			22 ¹⁾ /4			
Connection									
Stranded wire with tubular pre-insulated terminal	[mm²]		0.25-2.5			0.25-2.5			
Stranded wire with tubular bare terminal	[mm²]		0.25-2.5			0.25-2.5			
Stripping length									
Stripping length	[mm]		10			10			
Plug gauge (IEC60947-1)									
Plug gauge (IEC60947-1)			-			-			
Insulation material									
Insulation material			PA			PA			
Grading as per UL 94									
Grading as per UL 94			V0			V0			
Certification data (UL and CSA/CUL)									
Rated working voltage / rated working current / wire gauge	UL-[V]/[A]/AWG CSA/CUL-[V]/[A]/AWG		600/20/24-12			-			



Spring-Cage Fuse Type Din-Rail Terminal block



JWD2-4a/FD



JWD2-4aRD(5X20)

Note: The handle can be pried out by a screwdriver. See Figures 1 and 2.

Terminal thickness: 6.2

(IEC)	Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)			(A)	(V)
IEC 60947-7-3	0.08-6	0.08-4	6.3	250

Terminal thickness: 6.2

(IEC)	Rigid solid	Flexible multi-conductor	I	Ui
(mm ²)			(A)	(V)
IEC60947-7-3			6.3	250
With fuse	0.2-6	0.2-4	1)	1)
Used as a terminal for breaking capacity	0.2-6	0.2-4	6.3	250

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

Description	Indicator lamp voltage (V)	Current (mA)	Type	Part Number	Package quantity	Type	Part Number	Package quantity		
Fuse terminal mounted on  ; the 5 X 20 mm fuse can be mounted.						JWD2-4aRD	910401	39		
Fuse terminal shown above, with indicator lamp	24V-48V-110V, common for AC/DC 5V-12V, common for AC/DC 220V-380V, common for AC/DC	2-3 mmA 1.8-9 mmA 1.6-4mmA				JWD2-4aRD/24V-48V-110V AC/DC JWD2-4aRD/5V-12V AC/DC JWD2-4aRD/220V-380V AC/DC	910402 910403 910404	39 39 39		
Fuse terminal mounted on 										
Terminal for breaking capacity mounted on 			JWD2-4a/FD	910400	39					
(1) Plug-in bridgware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits	     	FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 FBS 20-6	I_{max} :32A 32A 32A 32A 32A 32A	5130336 5130242 5130255 5130349 5130271 5130365	200 200 100 100 100 50	FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 FBS 20-6	I_{max} :32A 32A 32A 32A 32A 32A	5130336 5130242 5130255 5130349 5130271 5130365	200 200 100 100 100 50
(2) Group partition for terminal group display and electric isolation, with thickness of 2 mm			GF-D2-4a	5130721	50	GF-D2-4a	5130721	50		
(3) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10		
(4) Quick tag, with 10 digits for identification in the terminal center	White		ZP6	8868103	100	ZP6	8868103	100		
(5) Quick designation strip, with 100 digits for lateral identification	White		ZBFM6	0 903 618	1000	ZBFM6	0 903 618	1000		
Terminal dimensions										
Thickness / length / end plate thickness	[mm]		6.2/61.5 /-			6.2/61.5 /-				
Height (TH 35:7.5 / TH 35:15)	[mm]		62.5/70			62.5/70				
Technical data in accordance with IEC/DIN VDE standards										
Fuse type ISO/DIS 8820/DIN 72 581 / dimensions & specifications						R054				
Maximum current per unit			-			-				
Maximum power consumption										
As per E DIN VDE 0611-6:2001-04[W], @ 23°C	[W]		1)			1)				
Rated impulse withstand voltage / degree of pollution			4/3			4/3				
Over-voltage category / insulation material group			III/II			III/II				
Connection										
Stranded wire with tubular pre-insulated / bare terminal	[mm ²]		0.25 - 4 / 0.25 - 4			0.25 - 4 / 0.25 - 4				
Stranded wire with TWIN tubular pre-insulated terminal	[mm ²]		0.5-1			0.5-1				
Stripping length	[mm]		10			10				
Plug gauge (IEC60947-1)			A4			A4				
Insulation material			PA			PA				
Grading as per UL 94			V0			V0				

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





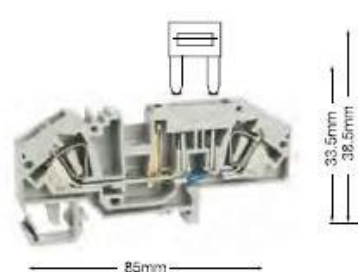
Spring-Cage Knife Blade Fuse Din-Rail Terminal block



JWD2-6RD



JWD2-6RD LED 12V



JWD2-6RD LED 24V

0.2-6 mm² (AWG 24-10)
400 V / 6 kV / 3⌀
25/30 A ⌀
Terminal thickness: 8 mm

12-13 mm

Note: The rated voltage and current values depend on the fusing indicator lamp and the fuse!

Type	Part Number	Package quantity
Terminal with motor vehicle fuse		
JWD2-6RD	910 340	40
End plate: thickness = 2 mm		
 JWD2-6RDG (grey)	282-334	100
Tag		
 JWD2-ZP5/10	209-501	500
Adjacent jumper, insulated, I _N 41A		
 JWD2-XKL8/2 (grey)	282-402	100
Adjacent jumper, insulated, L _N 41A		
 JWD2-SJK8/2 (grey)	282-409	100

0.2-6 mm² (AWG 24-10)
400 V / 6 kV / 3⌀
25/30 A ⌀
Terminal thickness: 8 mm

12-13 mm

Note: The rated voltage and current values depend on the fusing indicator lamp and the fuse!

Type	Part Number	Package quantity
Terminal with motor vehicle fuse		
JWD2-6RD LED 12V-I	910 341	40
JWD2-6RD LED 12V-II	910 342	40
End plate: thickness = 2 mm		
 JWD2-6RDG (grey)	282-334	100
Tag		
 JWD2-ZP5/10	209-501	500
Adjacent jumper, insulated, I _N 41A		
 JWD2-XKL8/2 (grey)	282-402	100
Adjacent jumper, insulated, L _N 41A		
 JWD2-SJK8/2 (grey)	282-409	100

0.2-6 mm² (AWG 24-10)
400 V / 6 kV / 3⌀
25/30 A ⌀
Terminal thickness: 8 mm

12-13 mm

Note: The rated voltage and current values depend on the fusing indicator lamp and the fuse!

Type	Part Number	Package quantity
Terminal with motor vehicle fuse		
JWD2-6RD LED 24V-I	910 343	40
JWD2-6RD LED 24V-II	910 344	40
End plate: thickness = 2 mm		
 JWD2-6RDG (grey)	282-334	100
Tag		
 JWD2-ZP5/10	209-501	500
Adjacent jumper, insulated, I _N 41A		
 JWD2-XKL8/2 (grey)	282-402	100
Adjacent jumper, insulated, L _N 41A		
 JWD2-SJK8/2 (grey)	282-409	100



DR Knife Blade Fuse

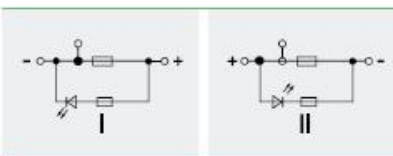
Type	Part Number	Package quantity
DR 2A	950010	500
DR 3A	950011	500
DR 4A	950012	500
DR 5A	950013	500
DR 7.5A	950014	500
DR 10A	950015	500
DR 15A	950016	500
DR 20A	950017	500
DR 30A	950018	500

Knife blade fuse

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

Current overload circuit breaker

Thermal
Manufacturer: ETA
Fusing current up to 25 A, suitable for conductors with the CSA of 4 mm²

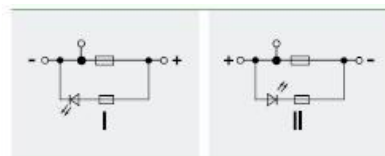


Knife blade fuse

Compliance with the DIN 72 581-3C/ISO 8820 standard
Maximum fusing current: 30 A
Options: 1, 2, 3, 5, 10, 15, 20, 30 A

Current overload circuit breaker

Thermal
Manufacturer: ETA
Fusing current up to 25 A, suitable for conductors with the CSA of 4 mm²



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

1. 400 V / 250 V = rated voltage
6 / 4 kV = rated impulse voltage
3 = degree of pollution

2. Electrical specifications depend on the fuse.

Spring-Cage Inclined Din-Rail Terminal block



JWD2-2.5aXM



JWD2-2.5a/2-1XM



JWD2-2.5a/2-2XM

The JWD2 inclined spring terminal has the following feature: the conductor has the angular inlet. This terminal is particularly suitable for the applications where the space is limited or the inlet is located on the back side.

Terminal thickness: 5.2mm

Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.2-4	0.2-2.5	32 800

Terminal thickness: 5.2mm

Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.2-4	0.2-2.5	28* 800

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

Terminal thickness: 5.2mm

Rigid solid	Flexible multi-conductor (mm ²)	I (A)	Ui (V)
IEC 60947-7-1	0.2-4	0.2-2.5	28* 800

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

Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal mounted on 	Grey Blue		JWD2-2.5aXM	9211000	100	JWD2-2.5a/2-1XM	9211009	100	JWD2-2.5a/2-2XM	9211023	100
Ground terminal mounted on 	Yellow + green		JWD2-2.5aXM BU	9211001	100	JWD2-2.5a/2-1XM BU	9211010	100	JWD2-2.5a/2-2XM BU	9211024	100
(1) End plate 			G-D2-2.5aXM	9211002	50	G-D2-2.5aXM	9211002	50	G-D2-2.5aXM	9211002	50
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits		FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 FBS 20-5	I_{max} :24A 24A 24A 24A 24A 24A	5130161 5130174 5130187 5130190 5130213 5130226	200 200 200 100 100 50	FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 FBS 20-5	I_{max} :24A 24A 24A 24A 24A 24A	5130161 5130174 5130187 5130190 5130213 5130226	200 200 200 100 100 50	
Conversion bridgware for connecting 6aXM to the 2.5a/4aXM terminal 											
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm 			GF-D2-2.5a/4aXM	9211003	50	GF-D2-2.5a/4aXM	9211003	50	GF-D2-2.5a/4aXM	9211003	50
(4) Screwdriver for spring-cage terminal operation 			SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal, with 5 digits 			WST 2.5	5130941	100	WST 2.5	5130941	100	WST 2.5	5130941	100
(6) Quick tag used for identification in the terminal center 			ZP5	8 868102	100	ZP5	8 868 102	100	ZP5	8 868 102	100
(7) Test plug 	Grey		PS-5	9311173	10	PS-5	9311173	10	PS-5	9311173	10
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		5.2/51 /2.2			5.2/51 /2.2			5.2/51 /2.2		
Height (TH 35:7.5 / TH 35:15)	[mm]		43/50.5			43/50.5			43/50.5		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		32/4			28/4			28/4		
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											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stripping length											
Stripping length	[mm]		10						10		
Plug gauge (IEC60947-1)			A3			A3			A3		
Insulation material			PA						PA		
Grading as per UL 94			V0			V0			V0		
Certification data (UL and CSA/CUL)											
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		600/20/26-12			600/20/26-12			600/20/26-12		



Spring-Cage Inclined Din-Rail Terminal block

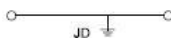


JWD2-2.5aXM JD

JWD2-2.5a/2-1XM JD

JWD2-2.5a/2-2XM JD

			Terminal thickness: 5.2mm			Terminal thickness: 5.2mm			Terminal thickness: 5.2mm		
			IEC 60947-7-2			IEC 60947-7-2			IEC 60947-7-2		
			0.2-4	0.2-2.5		0.2-4	0.2-2.5		0.2-4	0.2-2.5	
			Rigid solid	Flexible multi-conductor (mm ²)	I Ui (A) (V)	Rigid solid	Flexible multi-conductor (mm ²)	I Ui (A) (V)	Rigid solid	Flexible multi-conductor (mm ²)	I Ui (A) (V)
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity
Terminal mounted on 	Grey Blue										
Ground terminal mounted on 	Yellow + green		JWD2-2.5aXMJD	9211007	100	JWD2-2.5a/2-1XMJD	9211013	100	JWD2-2.5a/2-2XMJD	9211027	100
(1) End plate 			G-D2-2.5aXM	9211002	50	G-D2-2.5aXM	9211002	50	G-D2-2.5aXM	9211002	50
(2) Plug-in bridgware used for horizontal connection in the terminal center	2 digits 3 digits 4 digits 5 digits 10 digits 20 digits										
Conversion bridgware for connecting 6aXM to the 2.5a/4aXM terminal 											
(3) Group partition for terminal group display and electric isolation, with thickness of 2 mm 											
(4) Screwdriver for spring-cage terminal operation 			SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10	SZF 1-0.6X3.5	0204517	10
(5) Warning panel mounted at the operation port of the JWD2 "Miniature Spring" spring-cage terminal, with 5 digits 											
(6) Quick tag used for identification in the terminal center 			ZP5	8 868102	100	ZP5	8 868102	100	ZP5	8 868 102	100
(7) Test plug 	Grey										
Terminal dimensions											
Thickness / length / end plate thickness	[mm]		5.2/51 / 2.2			5.2/51/2.2			5.2/51/2.2		
Height (TH 35:7.5 / TH 35:15)	[mm]		43/50.5			43/50.5			43/50.5		
Technical data in accordance with IEC/DIN VDE standards											
Maximum rated working current / cross-sectional area	[A] / [mm ²]		—			-			-		
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											
Stranded wire with tubular pre-insulated terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stranded wire with tubular bare terminal	[mm ²]		0.25-2.5			0.25-2.5			0.25-2.5		
Stripping length	[mm]		10			10			10		
Plug gauge (IEC60947-1)			A3			A3			A3		
Insulation material			PA			PA			PA		
Grading as per UL 94			V0			V0			V0		
Rated working voltage / rated working current / wire gauge	UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG		-/-/26-12			-/-/26-12			-/-/26-12		



Spring-Cage Mini Din-Rail Terminal block



WZB 1.5/15

Mounted on the TH15.5.5 guide rail

WZB 1.5/35

Mounted on the TH35.7.5 guide rail

The WZB1.5 miniature spring terminal meets customers' need for smaller terminals. It is also suitable for connection and arrangement of small-sized motors and power supply units.

Such terminals can be clamped together to form a terminal strip. In addition to the tenon joint, the hoods of each terminal have semi-ring shaped protruding parts which can be inserted to the corresponding grooves of the adjacent terminal. The clearance and creeping distance between adjacent terminals increase. Thus, the rated working voltage of the WZB terminal series is up to 800 V. The WZB1.5 terminal has mounting feet, so it can be mounted on the 15:5.5 guide rail. The WZB1.5-TH35:7.5 can be mounted on the 35 mm guide rail. To meet the requirements of distribution boxes, the miniature terminal types, such as WZDB 1.5 (mounted on the 15:5.5 guide rail) and WZDB 1.5-TH35:7.5 (mounted on the 35 mm guide rail), are also available. The clearance is only 10.4 mm, but four conductors can be connected. Thanks to a sufficient connection space, these terminals can also connect 2.5 mm² rigid conductors.

Terminal thickness: 5.2						Terminal thickness: 5.2									
			Rigid solid	Flexible multi-conductor (mm ²)	I (A)	UI (V)				Rigid solid	Flexible multi-conductor (mm ²)	I (A)	UI (V)		
			IEC 60947-7-1				IEC 60947-7-1				IEC 60947-7-1				
			0.14-2.5	0.14-1.5	24	800				0.14-2.5	0.14-1.5	24	800		
Description	Color	Schematic diagram	Type	Part Number	Package quantity	Type	Part Number	Package quantity	Type	Part Number	Package quantity				
Miniature spring terminal Mounted on the TH15.5.5 guide rail	Grey Blue		WZB 1.5/15	51 03 716	152				WZB 1.5/35						
			WZB 1.5/15 BU	51 05 316	152		WZB 1.5/35 BU	51 05 329		120					
Miniature spring ground terminal Mounted on the TH35.7.5 guide rail	Grey Blue									51 03 73 2	120				
									51 05 32 9	120					
(1) End plate			G-WZB 1.5/15	51 24 17 7	50	G-WZB 1.5/35	51 24 19 3	50	G-WZB 1.5/35 BU	51 24 43 6	50				
(2) Comb jumper, insulated, 2 digits			G-WZB 1.5/15 BU	51 24 42 3	50	G-WZB 1.5/35 BU	51 24 43 6	50							
			JWD2-SKL5/2	280-482	200	JWD2-SKL5/2	280-482	200							
(3) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10							
(4) Opener for removing spring, 2 digits			ZFK-BW 2-5	51 24 28 7	1	ZFK-BW 2-5	51 24 28 7	1							
(5) Flat quick tag, with 100 digits for central identification			ZBFM5	0 903 595	1000	ZBFM5	0 903 595	1000							
Terminal dimensions															
Thickness / length / end plate thickness		[mm]	5.2/32/4						5.2/42.7/4						
Height (TH 15.5.5/TH 35.7.5 / TH 35.15)		[mm]	30/-/-						-32/39.5						
Technical data in accordance with IEC/DIN VDE standards															
Maximum rated working current / cross-sectional area		[A] / [mm2]	24/2.5						24/2.5						
Rated impulse withstand voltage / degree of pollution		[kV] / -	8/3						8/3						
Over-voltage category / insulation material group		- / -	III/I						III/I						
Connection															
Stranded wire with tubular pre-insulated terminal		[mm ²]	0.25-1.5						0.25-1.5						
Stranded wire with tubular bare terminal		[mm ²]	0.25-1.5						0.25-1.5						
Stripping length			[mm]	9						9					
Plug gauge (IEC60947-1)			A1						A1						
Insulation material			PA						PA						
Grading as per UL 94			V0						V0						
Rated working voltage / rated working current / wire gauge			UL: [V]/[A]/AWG CSA/CUL: [V]/[A]/AWG						600/15/26-14						
									600/15/26-14						

Jumper Mounting Diagram for WZB





Spring-Cage Mini Din-Rail Terminal block



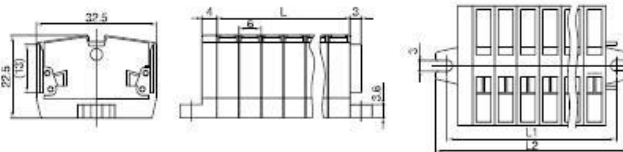
WZB 2.5M

WZB 2.5F

			Terminal thickness: 6				Terminal thickness: 6				
			Rigid solid	Flexible multi-conductor	I	Ui	Rigid solid	Flexible multi-conductor	I	Ui	
			(mm ²)	(mm ²)	(A)	(V)	(mm ²)	(mm ²)	(A)	(V)	
			IEC 60947-7-1	0.2-2.5	24	800	IEC 60947-7-1	0.2-2.5	0.2-2.5	24	800
Description	Color	Schematic diagram	Type	Part Number	Package quantity						
Small terminal; terminal between 2 conductors, without fixing lug	Grey Blue Yellow + green		WZB 2.5M	264 321	256						
			WZB 2.5M BU	264 324	256						
Small terminal; terminal between 2 conductors, with fixing lug	Grey					WZB 2.5F	264 301	50			
(1) End plate with fixing lug; thickness = 4 mm			G-WZB 2.5	264 361	50	WZB 2.5F BU	264 304	50			
(2) Comb jumper, insulated, 2 digits			JWD2-SKL6/2	281-482	10	JWD2-SKL6/2	281-482	10			
(3) Quick tag used for identification in the terminal center; 10 pieces for each end plate (100 nos.)			JWD9-SZP 6/10	9868102	100	JWD9-SZP 6/10	9868102	100			
(4) Screwdriver for spring-cage terminal operation			SZF 1-0.6X3.5	02 04 51 7	10	SZF 1-0.6X3.5	02 04 51 7	10			

¹⁾ 800 V = rated voltage
8 kV = rated impulse voltage
3 = degree of pollution

Small terminal and terminal strip
With fixing lug
L = pole number x width of each pole
L₁ = L + 9.6 mm
L₂ = L + 16 mm



Technical data in accordance with IEC/DIN VDE standards			
Maximum rated working current / cross-sectional area	[A] / [mm ²]	-	-
Rated impulse withstand voltage / degree of pollution	[KV] / -	8/3	8/3
Over-voltage category / insulation material group	- / -	III/II	III/II
Connection			
Stranded wire with tubular pre-insulated terminal	[mm ²]	0.25-1.5	0.25-1.5
Stranded wire with tubular bare terminal	[mm ²]	0.25-1.5	0.25-1.5
Stripping length	[mm]	8	8
Plug gauge (IEC60947-7-1)		A1	A1
Insulation material		PA	PA
Grading as per UL 94		V0	V0



Assemble small terminals to form a terminal strip.



Mount a terminal with fixing lug for termination on the terminal strip.



Use a screwdriver to mount the terminal strip with fixing lug.

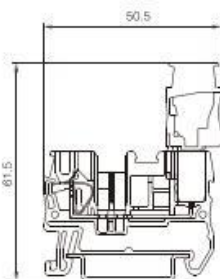


Safety Hook

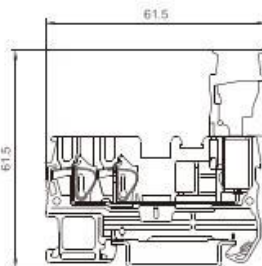


PR safety hook

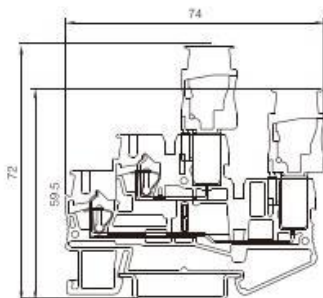
Description	Position No.	Type	Part Number	Package quantity
Safety hook	1 digit	PR	51 40 55 9	100
Used for all plugs	2 digits	PR/2	51 40 63 0	100



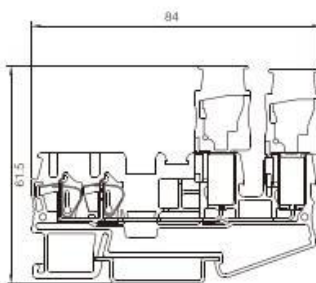
JWD2-2.5a/1P



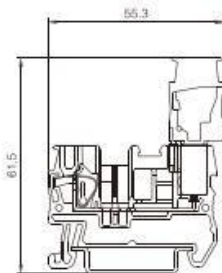
JWD2-2.5a/2-1P



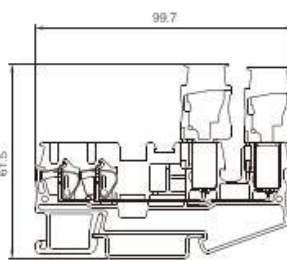
JWD2-2.5a/2PL



JWD2-2.5a/2-2P



JWD2-4a/1P



JWD2-4a/2-2P