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Spring Cage Disconnect Terminal Blocks ST

The ST...-TG spring cage disconnect terminal blocks are the same shape as the spring cage knife disconnect terminal blocks. Special features of the terminal blocks are their high current carrying capacity of 16 A and a constructional width of only 5 mm. The orange isolating connector is clearly visible and can also be inserted in the terminal block the other way around in order to indicate the switching status.

A testing option for 2.3 mm Ø test connectors is provided on both sides of the disconnect point.



Spring Cage Disconnect Feed-Through Terminal Blocks












ST 2,5-TG



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.08-4	0.08-2.5	28-12	16*	400*

* Current and voltage are determined by the connector used.

Technical data

Spring cage terminal block, for mounting on 	gray	terminal width 5.2	
(1) End cover	gray		
(2) Plug-in bridge, for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(3) Partition plate, for visual and electrical separation of terminal groups, 2 mm thick			
(4) Test adapter, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft			
(5) 2.3 mm Ø test connector¹⁾, consisting of metal part and red insulating sleeve			
(6) Modular test connector, can be labeled with ZBF 5			
(7) Isolating connector			
(8) Screwdriver, for actuating the tension spring			
(9) Zack strip, flat, for labeling the outer marker	white	grooves	
(10) Zack strip, 10-section, for labeling in the terminal center	white		

Dimensions

Width / length / end cover width	[mm]	5.2 / 60.5 / 2.2
Height (NS 35/7.5 / NS 35/15)	[mm]	36.5 / 44

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]	16 / 4
Rated surge voltage / contamination class	[kV] / -	6 / 3
Surge voltage category / insulation material group	- / -	III / I

Connection capacity

Stranded with ferrule with plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm ²]	0.5
Stripping length	[mm]	10

Internal cylindrical gauge (IEC 60 947-1)

Insulating material		A 3
Inflammability class in acc. with UL 94		PA
		V0

Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	-
	CSA/CUL: [V] / [A] / AWG	-

¹⁾ Further colors on request.

Type		Order No.	Pcs. Pkt.
ST 2,5-TG		30 38 43 5	50
D-ST 2,5-TWIN		30 30 48 8	50
FBS 2-5	I _{max.} : 24 A	30 30 16 1	50
FBS 3-5	24 A	30 30 17 4	50
FBS 4-5	24 A	30 30 18 7	50
FBS 5-5	24 A	30 30 19 0	50
FBS 10-5	24 A	30 30 21 3	10
FBS 20-5	24 A	30 30 22 6	10
ATP-ST-TWIN		30 30 78 9	50
PAI 4		30 30 92 5	10
MPS-RD		02 01 55 3	10
PS 5		30 30 98 3	10
P-DI	I _{max.} : 16 A	30 36 78 3	50
SZF 1 - 0,6 x 3,5		12 04 51 7	10
ZBF 5:UNPRINTED		08 08 64 2	10
ZB 5:UNPRINTED		10 50 00 4	10











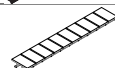
Spring Cage Disconnect Three-Conductor Terminal Block ST 2,5-TWIN-TG



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.08-4	0.08-2.5	28-12	16*	400*

* Current and voltage are determined by the connector used.

Technical data

Spring cage terminal block, for mounting on 	gray	terminal width 5.2	
(1) End cover	gray		
(2) Plug-in bridge, for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(3) Partition plate, for visual and electrical separation of terminal groups, 2 mm thick			
(4) Test adapter, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft			
(5) 2.3 mm Ø test connector¹⁾, consisting of metal part and red insulating sleeve			
(6) Modular test connector, can be labeled with ZBF 5			
(7) Isolating connector			
(8) Screwdriver, for actuating the tension spring			
(9) Zack strip, flat, for labeling the outer marker grooves	white		
(10) Zack strip, 10-section, for labeling in the terminal center	white		

Dimensions

Width / length / end cover width	[mm]	5.2 / 72 / 2.2
Height (NS 35/7.5 / NS 35/15)	[mm]	36.5 / 44

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]	16 / 4
Rated surge voltage / contamination class	[kV] / -	6 / 3
Surge voltage category / insulation material group	- / -	III / I

Connection capacity

Stranded with ferrule with plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm ²]	0.5
Stripping length	[mm]	10

Internal cylindrical gauge (IEC 60 947-1)

Insulating material

Inflammability class in acc. with UL 94

Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	-
	CSA/CUL: [V] / [A] / AWG	-

¹⁾ Further colors on request.

Type	Order No.	Pcs. Pkt.
ST 2,5-TWIN-TG	30 38 44 8	50
D-ST 2,5-QUATTRO	30 30 51 4	50
FBS 2-5	$I_{max.}$: 24 A	30 30 16 1
FBS 3-5	24 A	30 30 17 4
FBS 4-5	24 A	30 30 18 7
FBS 5-5	24 A	30 30 19 0
FBS 10-5	24 A	30 30 21 3
FBS 20-5	24 A	30 30 22 6
ATP-ST QUATTRO	30 30 81 5	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	10
P-DI	$I_{max.}$: 16 A	30 36 78 3
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBF 5:UNPRINTED	08 08 64 2	10
ZB 5:UNPRINTED	10 50 00 4	10











Spring Cage Disconnect Four-Conductor Terminal Block ST 2,5-QUATTRO-TG



(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.08-4	0.08-2.5	28-12	16*	400*

* Current and voltage are determined by the connector used.

Technical data

Spring cage terminal block, for mounting on 	gray	terminal width 5.2	
(1) End cover	gray		
(2) Plug-in bridge, for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(3) Test adapter, for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft			
(4) 2.3 mm Ø test connector¹⁾, consisting of metal part and red insulating sleeve			
(5) Modular test connector, can be labeled with ZBF 5			
(6) Isolating connector			
(7) Screwdriver, for actuating the tension spring			
(8) Zack strip, flat, for labeling the outer marker grooves	white		
(9) Zack strip, 10-section, for labeling in the terminal center	white		

Dimensions

Width / length / end cover width	[mm]	5,2 / 84 / 2,2
Height (NS 35/7.5 / NS 35/15)	[mm]	36,5 / 44

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]	16 / 4
Rated surge voltage / contamination class	[kV] / -	6 / 3
Surge voltage category / insulation material group	- / -	III / I

Connection capacity

Stranded with ferrule with plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm ²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm ²]	0.5

Stripping length

	[mm]	10
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Internal cylindrical gauge (IEC 60 947-1)

		A 3
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Insulating material

Inflammability class in acc. with UL 94		PA
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Approval data (UL and CSA/CUL)

Nom. voltage / nom. current / conduc. sizes	UL: [V] / [A] / AWG	-
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	CSA/CUL: [V] / [A] / AWG	-
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¹⁾ Further colors on request.

Type	Order No.	Pcs. Pkt.
ST 2,5-QUATTRO-TG	30 38 45 1	50
D-ST 2,5-QUATTRO-MT	30 38 59 0	50
FBS 2-5	$I_{max.}$: 24 A	30 30 16 1
FBS 3-5	24 A	30 30 17 4
FBS 4-5	24 A	30 30 18 7
FBS 5-5	24 A	30 30 19 0
FBS 10-5	24 A	30 30 21 3
FBS 20-5	24 A	30 30 22 6
PAI 4		30 30 92 5
MPS-RD		02 01 55 3
PS 5		30 30 98 3
P-DI	$I_{max.}$: 16 A	30 36 78 3
SZF 1 - 0,6 x 3,5		12 04 51 7
ZBF 5:UNPRINTED		08 08 64 2
ZB 5:UNPRINTED		10 50 00 4

	5,2 / 84 / 2,2
	36,5 / 44
	16 / 4
	6 / 3
	III / I
	0.25 - 2.5
	0.25 - 2.5
	0.5
	10
	A 3
	PA
	V0
	-
	-