

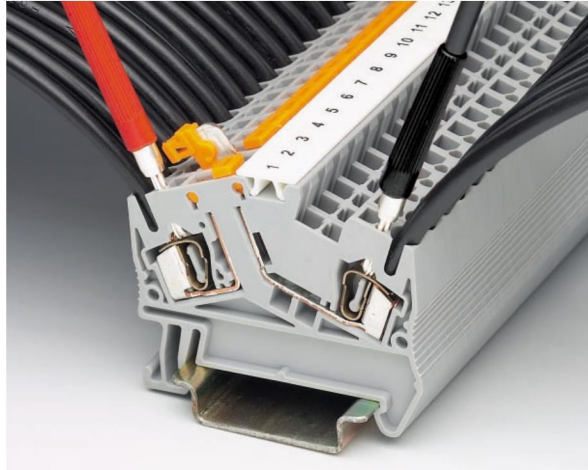
Spring Cage Knife Disconnect and Disconnect Terminal Blocks STS

The disconnect terminal blocks STS 2,5-MT and STS 2,5-TG with the same shape and a nominal cross section of 2.5 mm² are available for the ST-DESK family.

They provide a testing option for 2.3 mm Ø test connectors on both sides of the disconnect point. The double bridge shaft also makes cross connections to standard two and three-conductor terminal blocks possible.

The basic terminal block STS 2,5-TG is used for holding the P-DI isolating connector. The isolating connector can be fitted in the base terminal block the other way around where it can be kept safely.










Both disconnect terminal block variants can be clearly labeled in the terminal center using Zack strip.



Spring Cage Knife Disconnect Feed-Through Terminal Block STS 2,5-MT

(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	16	400

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 ZBFM 5			
(7) Screwdriver, for actuating the tension spring			
(8) Zack strip, 10-section, for labeling in the terminal center	white		

Dimensions

Width / length / end cover width	[mm]
Height (NS 35:7.5 / NS 35:15)	[mm]

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

Connection capacity

Stranded with ferrule with plastic sleeve	[mm ²]
Stranded with ferrule without plastic sleeve	[mm ²]
Stranded with TWIN ferrule with plastic sleeve	[mm ²]

Stripping length	[mm]
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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.
STS 2,5-MT	30 36 99 0	50
D-ST5 2,5	30 31 76 2	50
FBS 2-5	I _{max} : 24 A	30 30 16 1
FBS 3-5		30 30 17 4
FBS 4-5		30 30 18 7
FBS 5-5		30 30 19 0
FBS 10-5		30 30 21 3
FBS 20-5		30 30 22 6
ATP-ZFK 2,5/4	30 03 98 1	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZB 5:UNPRINTED	10 50 00 4	10











	5.2 / 51 / 2.2
	43 / 50.5
	16 / 4
	6 / 3
	III / I
	0.25 - 2.5
	0.25 - 2.5
	0.5
	10
	A 3
	PA
	V0
	-
	-

Spring Cage Disconnect Feed-Through Terminal Block STS 2,5-TG

(IEC) [mm ²]	rigid solid	flexible stranded	AWG	I [A]	U [V]
IEC 60 947-7-1	0.2-4	0.2-2.5	24-12	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 ZBFM 5			
(7) Isolating connector			
(8) Screwdriver, for actuating the tension spring			
(9) Zack strip, 10-section, for labeling in the terminal center	white		

Dimensions

Width / length / end cover width	[mm]
Height (NS 35:7.5 / NS 35:15)	[mm]

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section	[A] / [mm ²]
Rated surge voltage / contamination class	[kV] / -
Surge voltage category / insulation material group	- / -

Connection capacity

Stranded with ferrule with plastic sleeve	[mm ²]
Stranded with ferrule without plastic sleeve	[mm ²]
Stranded with TWIN ferrule with plastic sleeve	[mm ²]
Stripping length	[mm]

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.
STS 2,5-TG	30 37 00 9	50
D-ST5 2,5	30 31 76 2	50
FBS 2-5	30 30 16 1	50
FBS 3-5	30 30 17 4	50
FBS 4-5	30 30 18 7	50
FBS 5-5	30 30 19 0	50
FBS 10-5	30 30 21 3	10
FBS 20-5	30 30 22 6	10
ATP-ZFK 2,5/4	30 03 98 1	50
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	10
P-DI	30 36 78 3	50
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZB 5:UNPRINTED	10 50 00 4	10

	5.2 / 51 / 2.2
	43 / 50.5
	16 / 4
	6 / 3
	III / I
	0.25 - 2.5
	0.25 - 2.5
	0.5
	10
	A 3
	PA
	V0
	-
	-

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