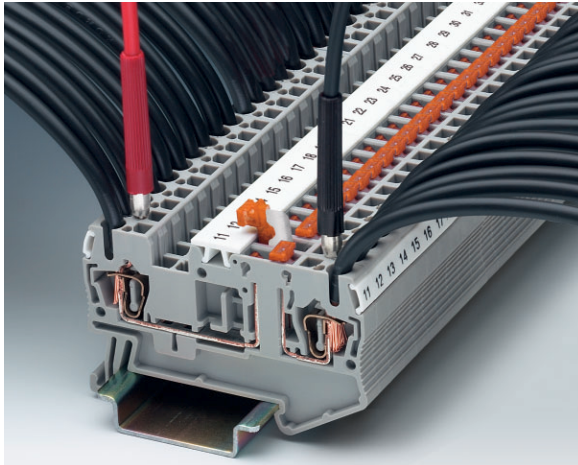
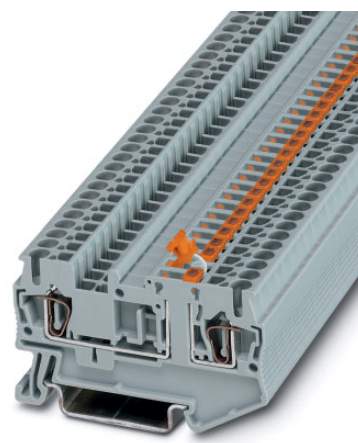


Spring Cage Knife Disconnect Terminal Blocks ST

Feed-through terminals with knife disconnect option are a standard in state-of-the-art control technology. The ST knife disconnect terminal blocks feature a particularly narrow construction of 5 mm and a high current carrying capacity of 16 A. The terminal blocks also have a test connection parallel to the disconnect point for a 2.3 mm Ø test connector. Potential distribution is easily wired by means of plug-in bridges. Three and four-conductor terminal blocks are available for multi-conductor connections. With their compact design these terminals can also be used in small terminal boxes where they provide user-friendly wiring thanks to the front connection.












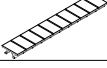


Spring Cage Knife Disconnect Feed-Through Terminal Block ST 2,5-MT



(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

Technical data

Spring cage terminal block , for mounting on 	gray	terminal width 5.2	
(1) End cover	gray		
(2) Insulating stop sleeve , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:			white gray black
			0.08-0.2 mm ² 0.25-0.5 mm ² 0.75-1 mm ²
(3) Plug-in bridge , for cross-connections in the terminal center			2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.
(4) Partition plate , for visual and electrical separation of terminal groups, 2 mm thick			
(5) Test adapter , for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft			
(6) 2.3 mm Ø test connector¹⁾ , consisting of metal part and red insulating sleeve			
(7) Modular test connector , can be labeled with ZBF 5			
(8) Warning cover , for the operating shafts of the "mini-spring" ST spring cage terminal blocks			
(9) Screwdriver , for actuating the tension spring			
(10) Zack strip , flat, for labeling the outer marker grooves	white		
(11) 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		PA
Inflammability class in accordance with UL 94		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-MT	30 36 34 3	50
D-ST 2,5-TWIN	30 30 48 8	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	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
WST 2,5	30 30 94 1	10
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 Knife Disconnect Three-Conductor Terminal Block

ST 2,5-TWIN-MT



(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

* The max. load current must not be exceeded by the residual current of all connected conductors.

Technical data

Spring cage terminal block , for mounting on	gray	terminal width 5.2	
(1) End cover	gray		
(2) Insulating stop sleeve , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:			
	0.08-0.2 mm ²	white	
	0.25-0.5 mm ²	gray	
	0.75-1 mm ²	black	
(3) Plug-in bridge , for cross-connections in the terminal center			
	2-pos.		
	3-pos.		
	4-pos.		
	5-pos.		
	10-pos.		
	20-pos.		
(4) Partition plate , for visual and electrical separation of terminal groups, 2 mm thick			
(5) Test adapter , for 4 mm Ø test connector PS and 4 mm Ø safety test connectors, making contact in the bridge shaft			
(6) 2.3 mm Ø test connector¹⁾ , consisting of metal part and red insulating sleeve			
(7) Modular test connector , can be labeled with ZBF 5			
(8) Warning cover , for the operating shafts of the "mini-spring" ST spring cage terminal blocks			
(8) Screwdriver , for actuating the tension spring			
(10) Zack strip , flat, for labeling the outer marker grooves	white		
(11) 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		PA
Inflammability class in accordance with UL 94		V0

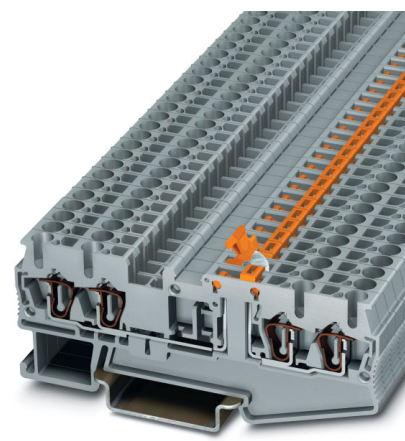
Approval data (UL and CSA/CUL)

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-TWIN-MT	30 36 35 6	50
D-ST 2,5-QUATTRO	30 30 51 4	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	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 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
WST 2,5	30 30 94 1	10
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 Knife Disconnect Four-Conductor Terminal Block ST 2,5-QUATTRO-MT



(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

* The max. load current must not be exceeded by the residual current of all connected conductors.

Technical data

Spring cage terminal block , for mounting on	gray	terminal width 5.2	
(1) End cover	gray		
(2) Insulating stop sleeve , prevents unintentional clamping of the insulation in the case of smaller cross sections Cross section range:		0.08-0.2 mm ² 0.25-0.5 mm ² 0.75-1 mm ²	white gray black
(3) Plug-in bridge , for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	
(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) Warning cover , for the operating shafts of the "mini-spring" ST spring cage terminal blocks			
(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 / 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
Internal cylindrical gauge (IEC 60 947-1)		A 3

Insulating material

Inflammability class in accordance 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-QUATTRO-MT	30 36 57 6	50
D-ST 2,5-QUATTRO-MT	30 38 59 0	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	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
PAI 4	30 30 92 5	10
MPS-RD	02 01 55 3	10
PS 5	30 30 98 3	10
WST 2,5	30 30 94 1	10
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