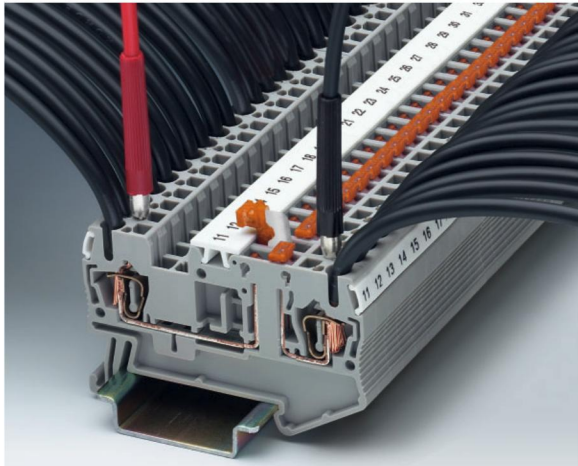


Spring Cage Knife Disconnect Terminal Blocks ST

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: 0.08-0.2 mm² white
0.25-0.5 mm² gray
0.75-1 mm² 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 

(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]
Height (NS 35/7.5 / NS 35/15) [mm]

Technical data in accordance with IEC/ DIN VDE

Maximum load current / cross section [A] / [mm²]
Rated surge voltage / contamination class [kV] / -
Surge voltage category / insulation material group - / -

Connection capacity

Stranded with ferrule with plastic sleeve [mm²]
Stranded with ferrule without plastic sleeve [mm²]
Stranded with TWIN ferrule with plastic sleeve [mm²]

Stripping length [mm]

Internal cylindrical gauge (IEC 60 947-1)

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-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

5.2 / 60.5 / 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

-

-

Spring Cage Knife Disconnect Three-Conductor Terminal Block





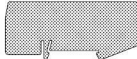



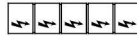
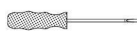


ST 2,5-TWIN-MT



(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 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) 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 connector ¹⁾ , 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]
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)

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Insulating material

Inflammability class in accordance with UL 94	
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Approval data (UL and CSA/CUL)

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

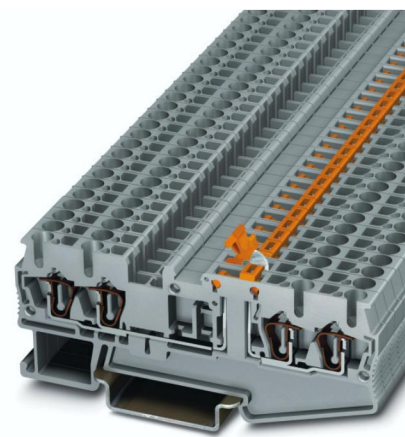
¹⁾ Further colors on request.

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

	5.2 / 72 / 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
	-
	-

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 

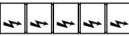
(2) **Insulating stop sleeve**, prevents unintentional clamping of the insulation in the case of smaller cross sections
Cross section range: 0.08-0.2 mm² 0.25-0.5 mm² 0.75-1 mm² white gray black 

(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)

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-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

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