THE DATASHEET OF

3038448

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 ∅ test connectors is provided on both sides of the disconnect point.

Phoenix Contact GmbH & Co. KG • 32823 Blomberg, Germany
Phone +49 52 35 3-00 • Fax +49 52 35 3-4 12 00 • www.phoenixcontact.com

Spring Cage Disconnect Feed-Through Terminal Blocks

ST 2,5-TG

(IEC) [mm²]	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

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**ST 2,5-TG**		**30 38 43 5**	**50**
(1) **End cover**	gray		**D-ST 2,5-TWIN**		**30 30 48 8**	**50**
(2) **Plug-in bridge,** for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	**FBS 2-5** **FBS 3-5** **FBS 4-5** **FBS 5-5** **FBS 10-5** **FBS 20-5**	$I_{max.}$: 24 A 24 A 24 A 24 A 24 A 24 A	**30 30 16 1** **30 30 17 4** **30 30 18 7** **30 30 19 0** **30 30 21 3** **30 30 22 6**	**50** **50** **50** **50** **10** **10**
(3) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-ST-TWIN**		**30 30 78 9**	**50**
(4) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(5) **2.3 mm ∅ test connector**[1]**),** consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(6) **Modular test connector,** can be labeled with ZBF 5			**PS 5**		**30 30 98 3**	**10**
(7) **Isolating connector**			**P-DI**	$I_{max.}$: 16 A	**30 36 78 3**	**50**
(8) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(9) **Zack strip,** flat, for labeling the outer marker grooves	white		**ZBF 5:UNPRINTED**		**08 08 64 2**	**10**
(10) **Zack strip,** 10-section, for labeling in the terminal center	white		**ZB 5:UNPRINTED**		**10 50 00 4**	**10**

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] / [mm²]	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	[mm²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5
Stripping length	[mm]	10
Internal cylindrical gauge (IEC 60 947-1)		A 3
Insulating material		PA
Inflammability class in acc. 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.

Spring Cage Disconnect Three-Conductor Terminal Block

ST 2,5-TWIN-TG

(IEC) [mm²]	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

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**ST 2,5-TWIN-TG**		**30 38 44 8**	**50**
(1) **End cover**	gray		**D-ST 2,5-QUATTRO**		**30 30 51 4**	**50**
(2) **Plug-in bridge,** for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos.	**FBS 2-5** **FBS 3-5** **FBS 4-5** **FBS 5-5** **FBS 10-5** **FBS 20-5**	$I_{max.}$: 24 A 24 A 24 A 24 A 24 A 24 A	**30 30 16 1** **30 30 17 4** **30 30 18 7** **30 30 19 0** **30 30 21 3** **30 30 22 6**	**50** **50** **50** **50** **10** **10**
(3) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-ST QUATTRO**		**30 30 81 5**	**50**
(4) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(5) **2.3 mm ∅ test connector**[1]**,** consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(6) **Modular test connector,** can be labeled with ZBF 5			**PS 5**		**30 30 98 3**	**10**
(7) **Isolating connector**			**P-DI**	$I_{max.}$: 16 A	**30 36 78 3**	**50**
(8) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(9) **Zack strip,** flat, for labeling the outer marker grooves	white		**ZBF 5:UNPRINTED**		**08 08 64 2**	**10**
(10) **Zack strip,** 10-section, for labeling in the terminal center	white		**ZB 5:UNPRINTED**		**10 50 00 4**	**10**

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] / [mm²]	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	[mm²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5
Stripping length	[mm]	10
Internal cylindrical gauge (IEC 60 947-1)		A 3
Insulating material		PA
Inflammability class in acc. 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.

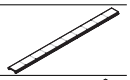
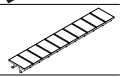
Spring Cage Disconnect Four-Conductor Terminal Block

ST 2,5-QUATTRO-TG

(IEC) [mm²]	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

			Type		Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	gray	terminal width 5.2	**ST 2,5-QUATTRO-TG**		**30 38 45 1**	**50**
(1) **End cover**	gray		**D-ST 2,5-QUATTRO-MT**		**30 38 59 0**	**50**
(2) **Plug-in bridge,** for cross-connections in the terminal center		2-pos. 3-pos. 4-pos. 5-pos. 10-pos. 20-pos. 	**FBS 2-5** **FBS 3-5** **FBS 4-5** **FBS 5-5** **FBS 10-5** **FBS 20-5**	$I_{max.}$: 24 A 24 A 24 A 24 A 24 A 24 A	**30 30 16 1** **30 30 17 4** **30 30 18 7** **30 30 19 0** **30 30 21 3** **30 30 22 6**	**50** **50** **50** **50** **10** **10**
(3) **Test adapter,** for 4 mm ∅ test connector PS and 4 mm ∅ safety test connectors, making contact in the bridge shaft			**PAI 4**		**30 30 92 5**	**10**
(4) **2.3 mm ∅ test connector[1]),** consisting of metal part and red insulating sleeve			**MPS-RD**		**02 01 55 3**	**10**
(5) **Modular test connector,** can be labeled with ZBF 5			**PS 5**		**30 30 98 3**	**10**
(6) **Isolating connector**			**P-DI**	$I_{max.}$: 16 A	**30 36 78 3**	**50**
(7) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(8) **Zack strip,** flat, for labeling the outer marker grooves	white		**ZBF 5:UNPRINTED**		**08 08 64 2**	**10**
(9) **Zack strip,** 10-section, for labeling in the terminal center	white		**ZB 5:UNPRINTED**		**10 50 00 4**	**10**

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] / [mm²]	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	[mm²]	0.25 - 2.5
Stranded with ferrule without plastic sleeve	[mm²]	0.25 - 2.5
Stranded with TWIN ferrule with plastic sleeve	[mm²]	0.5
Stripping length	[mm]	10
Internal cylindrical gauge (IEC 60 947-1)		A 3
Insulating material		PA
Inflammability class in acc. 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.

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