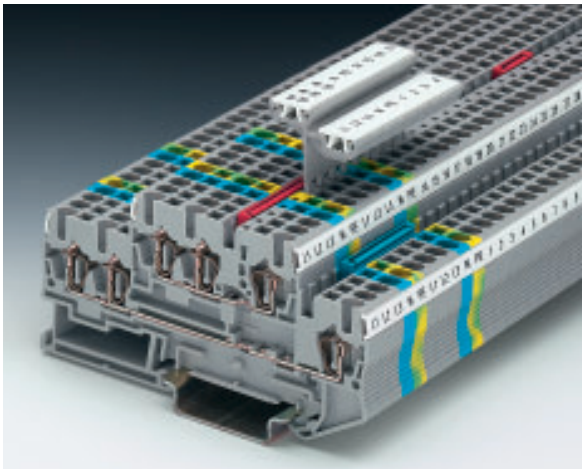
Double-Level Spring Cage Terminal Blocks STTB 2,5-TWIN

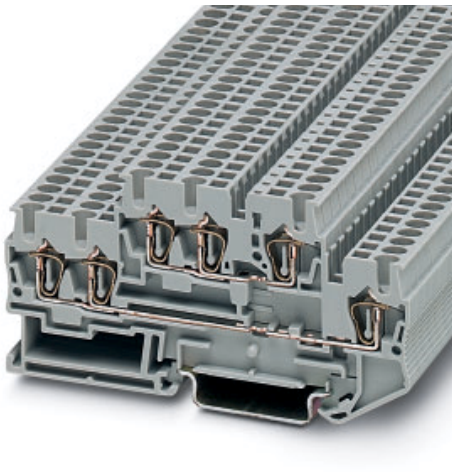
The three conductor connections of the STTB 2,5 TWIN double-level terminal blocks routed on two levels reduce space requirements compared with single-level terminal blocks by 50%. The STTB 2,5-TWIN can be bridged on both levels with the plug-in bridge system FBS for the most varied switching tasks. Labeling options are provided on each terminal point.
The terminal blocks can be bridged with standard STTB 2,5 terminal blocks. PE and PV terminal blocks of the same shape are available.



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

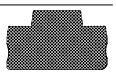
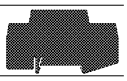
Double-Level Spring Cage Terminal Block

STTB 2,5-TWIN



(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	26[1])	500

Technical data

			Type		Order No.	Pcs. / Pkt.
Spring cage terminal block, for mounting on ⊓	gray	terminal width 5.2	**STTB 2,5-TWIN**		**30 38 51 6**	**50**
	blue	terminal width 5.2	**STTB 2,5-TWIN BU**		**30 38 52 9**	**50**
	gray	terminal width 5.2	**STTB 2,5-TWIN-PV [1])**		**30 38 54 5**	**50**
(1) **End cover**	gray		**D-STTB 2,5-TWIN**		**30 38 55 8**	**50**
(2) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections						
Cross section range:	0.2 mm²	white	**ISH 2,5/0,2**		**30 02 84 3**	**50**
	0.25-0.5 mm²	gray	**ISH 2,5/0,5**		**30 02 85 6**	**50**
	0.75-1 mm²	black	**ISH 2,5/1**		**30 02 86 9**	**50**
(3) **Plug-in bridge,** for cross-connections in the terminal center	2-pos.		**FBS 2-5**	$I_{max.}$: 24 A	**30 30 16 1**	**50**
	3-pos.		**FBS 3-5**	24 A	**30 30 17 4**	**50**
	4-pos.		**FBS 4-5**	24 A	**30 30 18 7**	**50**
	5-pos.		**FBS 5-5**	24 A	**30 30 19 0**	**50**
	10-pos.		**FBS 10-5**	24 A	**30 30 21 3**	**10**
	20-pos.		**FBS 20-5**	24 A	**30 30 22 6**	**10**
(4) **Partition plate,** for visual and electrical separation of terminal groups, 2 mm thick			**ATP-STTB 4**		**30 30 74 7**	**50**
(5) **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**
(6) **Modular test connector**, for individual assembly of test connector strips, can be labeled with ZBF 5			**PS-5**		**30 30 98 3**	**10**
(7) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBF 5			**STP 5-2**		**08 00 96 7**	**10**
(8) **Warning cover,** for the operating shafts of the “mini-spring” ST spring cage terminal blocks			**WST 2,5**		**30 30 94 1**	**10**
(9) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**		**12 04 51 7**	**10**
(10) **Zack marker ,** flat, for labeling the outer marker grooves		white	**ZBF 5:UNPRINTED**		**08 08 64 2**	**10**

Dimensions		
Width / length / end cover width	[mm]	5.2 / 91.5 / 2.2
Height (NS 35/7.5 / NS 35/15)	[mm]	47.5 / 55
Technical data in accordance with IEC/ DIN VDE		
Maximum load current / cross section	[A] / [mm²]	26 / 4 // 22 /2,5
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	applied for
	CSA/CUL: [V] / [A] / AWG	applied for

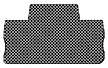
[1]) With equipotential bonding between the levels.
The max. load current must not be exceeded by the residual current of all connected conductors.

Double-Level Ground Terminal Block
STTB 2,5-TWIN-PE

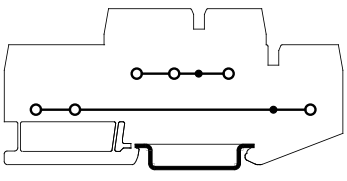


(IEC) [mm²]	rigid solid	flexible stranded	AWG
IEC 60 947-7-2	0.08-4	0.08-2.5	28-12

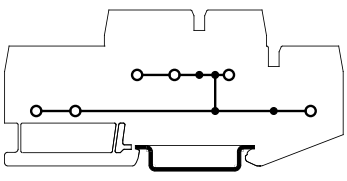
Technical data

			Type	Order No.	Pcs. Pkt.
Spring cage terminal block, for mounting on ⊔	green-yellow	terminal width 5.2	**STTB 2,5-TWIN-PE**	**30 38 53 2**	**50**
(1) **End cover**	gray		**D-STTB 2,5-TWIN**	**30 38 55 8**	**50**
(2) **Insulating stop sleeve,** prevents unintentional clamping of the insulation in the case of smaller cross sections					
Cross section range:	0.2 mm²	white	**ISH 2,5/0,2**	**30 02 84 3**	**50**
	0.25-0.5 mm²	gray	**ISH 2,5/0,5**	**30 02 85 6**	**50**
	0.75-1 mm²	black	**ISH 2,5/1**	**30 02 86 9**	**50**
(3) **Double marker carrier,** snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBF 5			**STP 5-2**	**08 00 96 7**	**10**
(4) **Screwdriver,** for actuating the tension spring			**SZF 1 - 0,6 x 3,5**	**12 04 51 7**	**10**
(5) **Zack marker,** flat, for labeling the outer marker grooves		white	**ZBF 5:UNPRINTED**	**08 08 64 2**	**10**

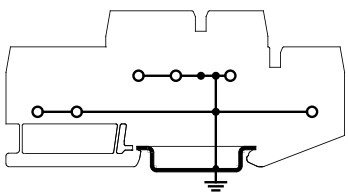
Dimensions		
Width / length / end cover width	[mm]	5.2 / 91.5 / 2.2
Height (NS 35/7.5 / NS 35/15)	[mm]	47.5 / 55
Technical data in accordance with IEC/ DIN VDE		
Maximum load current / cross section	[A] / [mm²]	–
Rated surge voltage / contamination class	[kV] / –	6 / 3
Surge voltage category / insulation 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	applied for
	CSA/CUL: [V] / [A] / AWG	applied for



STTB 2,5-TWIN



STTB 2,5-TWIN-PV



STTB 2,5-TWIN-PE

© PHOENIX CONTACT 15.03.03 TNR: 5127001-02 http://www.phoenixcontact.com