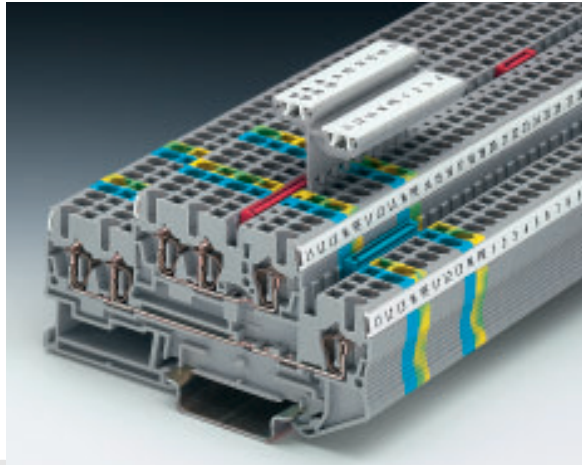


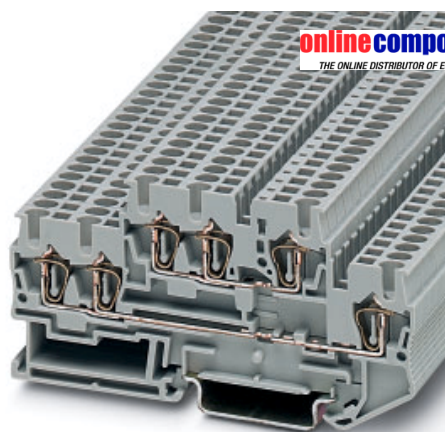
Double-Level Spring Cage Terminal Blocks STTB 2,5-TWIN

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.



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

Spring cage terminal block, for mounting on			gray	terminal width 5.2
			blue	terminal width 5.2
			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:				
			0.2 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) Modular test connector, for individual assembly of test connector strips, can be labeled with ZBF 5				
(7) Double marker carrier, snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and 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 marker , flat, for labeling the outer marker grooves			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 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⁾ With equipotential bonding between the levels.

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

Type	Order No.	Pcs. Pkt.
STTB 2,5-TWIN	30 38 51 6	50
STTB 2,5-TWIN BU	30 38 52 9	50
STTB 2,5-TWIN-PV ¹⁾	30 38 54 5	50
D-STTB 2,5-TWIN	30 38 55 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-STTB 4	30 30 74 7	50
PAI 4	30 30 92 5	10
PS-5	30 30 98 3	10
STP 5-2	08 00 96 7	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

5.2 / 91.5 / 2.2
47.5 / 55
26 / 4 // 22 / 2,5
6 / 3
III / I
0.25 - 2.5
0.25 - 2.5
0.5
10
A 3
PA
V0
applied for
applied for

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

Spring cage terminal block,
for mounting on green-yellow 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: 0.2 mm² white
0.25-0.5 mm² gray
0.75-1 mm² black

(3) **Double marker carrier**, snaps into double-level spring cage terminal blocks, STTB, can be labeled with ZB 5 and ZBF 5

(4) **Screwdriver**, for actuating the tension spring

(5) **Zack marker**, flat, for labeling the outer marker grooves white

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)

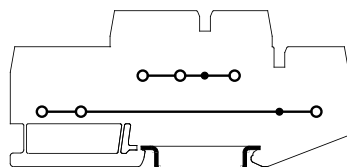
Insulating material

Inflammability class in acc. with UL 94 PA

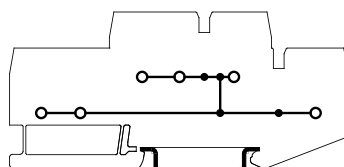
Approval data (UL and CSA/CUL)

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

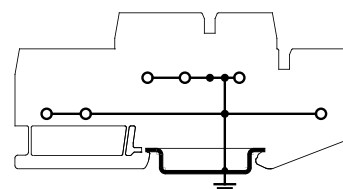
Type	Order No.	Pcs. Pkt.
STTB 2,5-TWIN-PE	30 38 53 2	50
D-STTB 2,5-TWIN	30 38 55 8	50
ISH 2,5/0,2	30 02 84 3	50
ISH 2,5/0,5	30 02 85 6	50
ISH 2,5/1	30 02 86 9	50
STP 5-2	08 00 96 7	10
SZF 1 - 0,6 x 3,5	12 04 51 7	10
ZBF 5:UNPRINTED	08 08 64 2	10



STTB 2,5-TWIN



STTB 2,5-TWIN-PV



STTB 2,5-TWIN-PE