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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# STTB 1,5 BU


Order No.: 3031160



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031160>

Feed-through modular terminal block, Cross section: 0.08 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 28 - 16, Connection type: Spring-cage connection, Width: 4.2 mm, Color: blue, Mounting type: NS 35/7.5, NS 35/15



Commercial data	
GTIN (EAN)	 4 017918 186715
sales group	A632
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 96 (CL-2009)

#### Product notes

WEEE/RoHS-compliant since:  
01/01/2005



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Technical data	
<b>General</b>	
Number of levels	2
Number of connections	4
Color	blue

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	4.2 mm
Length	67.5 mm
Height NS 35/7.5	47.5 mm
Height NS 35/15	55 mm

**Technical data**

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	500 V

**Connection data**

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.08 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Type of connection	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A1



**Certificates / Approvals**



Certification BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI

Certification Ex: IECEX, KEMA-EX

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3030747	ATP-STTB 4	Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray
3030459	D-STTB 2,5	End cover, Length: 67.5 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail
0801762	NS 35/ 7,5 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m
0801733	NS 35/ 7,5 PERF 2000MM	DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1201756	NS 35/15 AL UNPERF 2000MM	DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m
1201895	NS 35/15 CU UNPERF 2000MM	DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m
1201730	NS 35/15 PERF 2000MM	DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m
1201714	NS 35/15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m
1201798	NS 35/15-2,3 UNPERF 2000MM	DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m
<b>Bridges</b>		
3030116	FBS 2-4	Plug-in bridge, Number of positions: 2, Color: red

3030129	FBS 3-4	Plug-in bridge, Number of positions: 3, Color: red
3030132	FBS 4-4	Plug-in bridge, Number of positions: 4, Color: red
3030145	FBS 5-4	Plug-in bridge, Number of positions: 5, Color: red
3030158	FBS 10-4	Plug-in bridge, Number of positions: 10, Color: red
3030352	FBS 20-4	Plug-in bridge, Number of positions: 20, Color: red

**Marking**

0810575	STP 4-2	Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 1.5, labeled with ZB 4 or ZBF 4
3030958	WST 1,5	Warning cover, 5-pos., for terminal width: 4.2 mm
0803579	ZBFM 4/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 100-section, 10 strips à 10 markers, sufficient for 100 terminal blocks, for all terminal blocks, pitch 4.2 mm, labeling with M-PEN or CMS system, color: white

**Plug/Adapter**

3206131	ISH 1,5/0,2	Insulation stop sleeve, Color: white
3031034	ISH 1,5/0,5	Insulation stop sleeve, Color: gray
3030925	PAI-4	Test adapter, Color: gray
3030970	PS-4	Test adapter, Color: red

**Tools**

1204504	SZF 0-0,4X2,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip
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**Diagrams/Drawings**

Circuit diagram



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**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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