

## ST 6 BU

Order No.: 3031490

The illustration shows version ST 6 in gray

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031490>Feed-through terminal blocks with spring-cage connection, cross  
section: 0.5 - 6 mm<sup>2</sup>, width: 8.2 mm, color: blue

### Commercial data

EAN	4017918186951
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.017508 KG
Catalog page information	Page 57 (CL-2007)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003

<http://www.download.phoenixcontact.com>  
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### Technical data

#### General

Number of levels	1
Number of connections	2
Color	blue

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	8.2 mm
Length	69.5 mm
Height NS 35/7,5	43.5 mm
Height NS 35/15	51 mm

**Technical data**

Maximum load current	52 A (with 10 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	52 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

Type of connection	Spring-cage connection
Stripping length	12 mm
Internal cylindrical gage	A5

### Certificates / Approvals

#### Approval logo



#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	50 A
AWG/kcmil	24-8

#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	50 A
AWG/kcmil	24-8
Certification	BV, CB, CUL, DNV, GL, GOST, LR, NK, UL, VDE-PZI

#### requested approbations

Certification Ex:	IECEX, KEMA-EX
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### Accessories

Item	Designation	Description
<b>Assembly</b>		
3030721	ATP-ST 4	Partition plate, for visual and electrical separation of terminal groups, width: 2 mm, color: gray
3024481	ATP-ST 6	Partition plate, for visual and electrical separation of terminal groups, width: 2 mm, color: gray
3022218	CLIPFIX 35	Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 mounting 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
3030433	D-ST 6	Cover, width: 2.2 mm, color: gray
1201442	E/UK	End clamp, for supporting the electronic base. If mounted vertically, 2 end clamps are required in each case

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, 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

**Bridges**

3030284	FBS 2-8	Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red
3030297	FBS 3-8	Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red
3030307	FBS 4-8	Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red
3030310	FBS 5-8	Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red
3030323	FBS 10-8	Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red

**Marking**

1050512	ZB 8:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
0804934	ZBFM 8:SO/CMS	Special printing, Zack marker sheet, flat, 50-section, divisible, marking according to customer requirements

**Plug/Adapter**

3030925	PAI-4	Test adapter, for 4 mm diameter test plug PS and safety test plug, makes contact in the bridge shaft
3031005	PS-8	Modular test plug, for individual assembly of test plug strips, for UT, ST and QT terminal blocks, can be labeled with ZBF 8, color: Red
3030860	RB ST 6-(2,5/4)	Bridge, 2-pos.

**Tools**

1204520	SZF 2-0,8X4,0	Screwdriver, blade: 0.8 x 4.0 x 100 mm, length 180 mm
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