

# ST 10

Order No.: 3036110



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036110>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.2 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 24 - 6, Width: 10.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15



Commercial data	
GTIN (EAN)	4017918819088
sales group	A600
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.02553 KG
Catalog page information	Page 76 (CL-2009)

#### Product notes

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



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Technical data	
<b>General</b>	
Number of levels	1
Number of connections	2
Color	gray

Insulating material	PA
Inflammability class acc. to UL 94	V0

**Dimensions**

Width	10.2 mm
Length	71.5 mm
Height NS 35/7.5	50.3 mm
Height NS 35/15	58 mm

**Technical data**

Maximum load current	65 A (with 16 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>	57 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.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	6
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.	10 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.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>

Type of connection	Spring-cage connection
Stripping length	18 mm
Internal cylindrical gage	A6

### Certificates / Approvals



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

Certification Ex: IECEX, KEMA-EX

#### CSA

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	16-6

#### CUL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	16-6

#### UL

Nominal voltage $U_N$	600 V
Nominal current $I_N$	65 A
AWG/kcmil	16-6

### Accessories

Item	Designation	Description
<b>Assembly</b>		
3022276	CLIPFIX 35-5	Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray
3036644	D-ST 10	End cover, Length: 71.5 mm, Width: 2.2 mm, Height: 49.9 mm, Color: gray
1201442	E/UK	End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail

**Bridges**

3005947	FBS 2-10	Plug-in bridge, Number of positions: 2, Color: red
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**Marking**

0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
1053001	ZB 10:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 10.2 mm, color: White
5060883	ZB10/WH-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 10.2 mm, color: White
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Plug/Adapter**

0201731	MPS-IH BK	Insulating sleeve, Color: black
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201728	MPS-IH GY	Insulating sleeve, Color: gray
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201715	MPS-IH VT	Insulating sleeve, Color: violet
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201692	MPS-IH YE	Insulating sleeve, Color: yellow
0201744	MPS-MT	Test plugs
0201744	MPS-MT	Test plugs
3030925	PAI-4	Test adapter, Color: gray
3030873	RB ST 10-(2,5/4)	Reducing bridge, Number of positions: 2, Color: red

**Tools**

1206612	SZF 3-1,0X5,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip
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**Diagrams/Drawings**

Circuit diagram

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