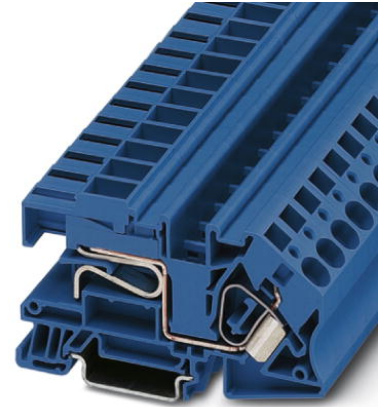



STN 10

Order No.: 3038244



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=3038244>

Installation terminal block, Spring-cage connection, Cross section: 0.2 mm² - 16 mm², AWG: 24 - 6, Width: 10 mm, Color: blue, Mounting type: NS 35/15, NS 35/7,5

Commercial data	
EAN	 4 017918 899745
sales group	A621
Pack	25 Pcs.
Customs tariff	85369010
Gross weight in pieces	0.03347 KG
Net weight per piece	0.0331 KG
Catalog page information	Page 287 (C-3-2013)

Product notes

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



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Technical data

General	
Note	Assembly instructions: For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
Number of levels	1
Number of connections	2

Color	blue
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	57 A (with 16 mm ² conductor cross section)
Current carrying capacity of the neutral busbar	140 A
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
Maximum load current (lower level)	57 A
Additional text	with 16 mm ² conductor cross section
Nominal current I _N (lower level)	57 A
Nominal voltage U _N	400 V
Open side panel	ja

Dimensions

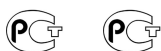
Width	10 mm
Length	87 mm
Height NS 35/7,5	50 mm
Height NS 35/15	57.5 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²

Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection method	Spring-cage connection
Stripping length	18 mm

Certificates / Approvals



Certification

GOST

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Assembly		
5037133	AP-NLS	Cover profile, Length: 1000 mm, Color: transparent
0402174	NLS-CU 3/10 SN 1000MM	PEN conductor busbar, 3mm x 10 mm, length: 1000 mm
0801704	NS 35/ 7,5 AL UNPERF 2000MM	DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver
1206560	NS 35/ 7,5 CAP	DIN rail end piece, for DIN rail NS 35/7.5
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: 2000 mm
0801681	NS 35/ 7,5 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m
1204119	NS 35/ 7,5 WH PERF 2000MM	DIN rail 35 mm (NS 35)
1204122	NS 35/ 7,5 WH UNPERF 2000MM	DIN rail 35 mm (NS 35)
1206421	NS 35/ 7,5 ZN PERF 2000MM	DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

1206434	NS 35/ 7,5 ZN UNPERF 2000MM	DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m
Bridges		
3005947	FBS 2-10	Plug-in bridge, Number of positions: 2, Color: red
Covers		
3038309	D-STI 10/16	End cover, Length: 89.5 mm, Width: 2 mm, Height: 49 mm, Color: gray
General		
3037669	AB-STI 16/10	Support bracket, Bracket for busbars, set every 20 cm, Length: 95 mm, Width: 2 mm, Height: 49 mm, Color: blue
3039900	ST-IL	Operating decal for the ST terminal block
Marking		
0818069	UC-TM 10	Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm
0824605	UC-TM 10 CUS	Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 9.6 x 10.5 mm
0829142	UCT-TM 10	Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm
0829623	UCT-TM 10 CUS	Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 8.9 x 9.6 mm
0824941	ZB 10 CUS	Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm
1053001	ZB 10:UNBEDRUCKT	Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.5 x 10.15 mm
1053014	ZB10,LGS:FORTL.ZAHLEN	Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm
1053030	ZB10,LGS:GLEICHE ZAHLEN	Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Identical numbers 1 or 2, etc. up to 100, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

1053412	ZB10,LGS:L1-N,PE	Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm
1053438	ZB10,LGS:U-N	Marker for terminal blocks, Strip, white, labeled, can be labeled with: Plotter, Horizontal: U, V, W, N, GND, U, V, W, N, GND, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm
1053027	ZB10,QR:FORTL.ZAHLEN	Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed vertically: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, Mounting type: Snap into tall marker groove, for terminal block width: 10.2 mm, Lettering field: 10.15 x 10.5 mm

Tools

1204520	SZF 2-0,8X4,0	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip
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Additional products

Item	Designation	Description
Connector/Adapter		
0423014	AKG 16 BU	Connection terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm ² - 16 mm ² , Width: 9.8 mm, Color: blue
0424013	AKG 35 BU	Connection terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm ² - 35 mm ² , Width: 14.3 mm, Color: blue

Replacement clamping part

2715982	IAK 16	Branch terminal, Connection method Screw connection, Cross section: 0.5 mm ² - 16 mm ² , Width: 7.7 mm, Color: gray
2715982	IAK 16	Branch terminal, Connection method Screw connection, Cross section: 0.5 mm ² - 16 mm ² , Width: 7.7 mm, Color: gray

Drawings

Circuit diagram



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