


STN 16

Order No.: 3038286

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3038286>

Installation level terminal block, Special and hybrid connection, Cross section: 0.2 mm² - 25 mm², AWG: 24 - 4, Width: 12 mm, Color: blue, Mounting type: NS 35/15, NS 35/7.5

Commercial data

GTIN (EAN)	
sales group	A621
Pack	25 pcs.
Customs tariff	85369010
Catalog page information	Page 227 (CL1-2011)

Product notes

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



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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
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Dimensions

Width	12 mm
Length	95 mm
Height NS 35/7.5	50 mm
Height NS 35/15	57.5 mm

Technical data

Maximum load current	76 A (with 25 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
Nominal current I _N	76 A
Nominal voltage U _N	400 V

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 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.	16 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.	4 mm ²
Connection method	Special and hybrid connection

Stripping length	18 mm
Internal cylindrical gage	A7

Certificates / Approvals



Certification

GOST

Accessories

Item	Designation	Description
Assembly		
5037133	AP-NLS	Cover profile, Length: 1000 mm, Color: transparent
3038309	D-STI 10/16	End cover, Length: 89.5 mm, Width: 2 mm, Height: 49 mm, Color: gray
0402174	NLS-CU 3/10 SN 1000MM	PEN conductor busbar, 3mm x 10 mm, length: 1000 mm
Bridges		
3005950	FBS 2-12	Plug-in bridge, Number of positions: 2, Color: red
General		
3037669	AB-STI 16/10	Support, Length: 95 mm, Width: 2 mm, Height: 49 mm, Color: blue
Marking		
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
1053124	ZB10,LGS:1-9	Zack strip, printed horizontally: 9-section, with the numbers 1 - 9, color: white
1053014	ZB10,LGS:FORTL.ZAHLEN	Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white
1053030	ZB10,LGS:GLEICHE ZAHLEN	Zack strip, 10-section, printed horizontally: with identical numbers, 1/1/1, 2/2/2 etc. up to 100/100/100, color: white
1053412	ZB10,LGS:L1-N,PE	Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white
1053438	ZB10,LGS:U-N	Zack marker strip, printed horizontally, strips with 10 labels, U, V, W, N, GND, U, V, W, N, GND, color: White

1053027	ZB10,QR:FORTL.ZAHLEN	Zack strip, 10-section, printed vertically: with consecutive numbers, 1-10, 11-20 a.s.o. up to 991-1000, color: white
1053043	ZB10,QR:GLEICHE ZAHLEN	Zack strip, 10-section, printed vertically: with identical numbers, 1/1/1, 2/2/2 etc. up to 100/100/100, color: white
5062535	ZB10/BU-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, color: blue
5062548	ZB10/GN-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, color: green
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
5062564	ZB10/YE-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, color: yellow
1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

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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