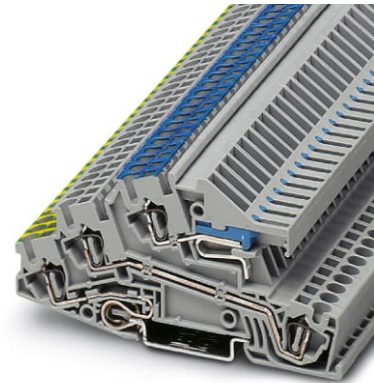



STI 2,5-PE/L/NT


Order No.: 3031827



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031827>

Installation level terminal block, Spring-cage connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

Commercial data	
GTIN (EAN)	
sales group	A622
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 228 (CL1-2011)

Product notes
<p>WEEE/RoHS-compliant since: 01/01/2003</p> 

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General	
Number of levels	3
Number of connections	5
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V0
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Dimensions

Width	5.2 mm
Length	97 mm
Height NS 35/7.5	50.5 mm
Height NS 35/15	58 mm

Technical data

Maximum load current	20 A (with 4 mm ² conductor cross section)
Current carrying capacity of the neutral busbar	140 A
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-2
Nominal current I _N	20 A
Nominal voltage U _N	400 V (phase conductor/phase conductor)
	250 V (phase conductor/PE)
	250 V (phase conductor/N)

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection

Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals



Certification

CSA, CUL, GOST, UL

Accessories

Item	Designation	Description
Assembly		
3030831	AB-STI/3	Support, Length: 97 mm, Width: 2 mm, Height: 52 mm, Color: blue
3030857	ATP-STI/3	Partition plate, Length: 107 mm, Width: 2.2 mm, Height: 55 mm, Color: gray
3030844	D-STI/3	End cover, Length: 97 mm, Width: 2.2 mm, Height: 50.5 mm, Color: gray
0402174	NLS-CU 3/10 SN 1000MM	PEN conductor busbar, 3mm x 10 mm, length: 1000 mm

Bridges

3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red

Marking

0818108	UC-TM 5	UniCard materials for labeling terminal blocks with a marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white
0824581	UC-TM 5 CUS	UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements
0818153	UC-TMF 5	UniCard materials for labeling terminal blocks using a flat marker groove, 96-section, can be labeled with BLUEMARK and CMS-P1-PLOTTER, color: white

0824638	UC-TMF 5 CUS	UniCard sheets, for labeling terminal blocks with a flat zack marker sheet groove, can be printed as per customer requirements
0828734	UCT-TM 5	UniCard materials for thermal transfer printer, for labeling terminal blocks with a marker groove, 72-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829595	UCT-TM 5 CUS	Terminal block marking, can be labeled as per customer specifications
0828744	UCT-TMF 5	UniCard materials for thermal transfer printer, for labeling terminal blocks with a horizontal marker groove, 72-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: white
0829658	UCT-TMF 5 CUS	Terminal block marking, can be labeled as per customer specifications
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
0824962	ZB 5 CUS	Terminal block marking, can be labeled as per customer specifications
0825025	ZBF 5 CUS	Terminal block marking, can be labeled as per customer specifications
0808642	ZBF 5:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white

Plug/Adapter

3002843	ISH 2,5/0,2	Insulation stop sleeve, Color: white
3002856	ISH 2,5/0,5	Insulation stop sleeve, Color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, Color: black
3030925	PAI-4	Test adapter, Color: gray

Tools

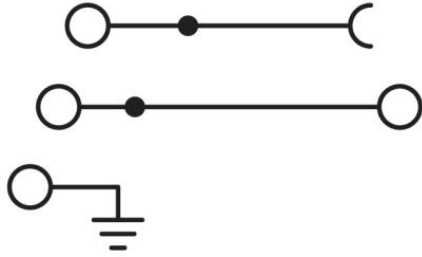
1204517	SZF 1-0,6X3,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Additional products

Item	Designation	Description
Assembly		
3030828	AB-STI	Support, Length: 67 mm, Width: 2 mm, Height: 43 mm, Color: blue

Diagrams/Drawings

Circuit diagram



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