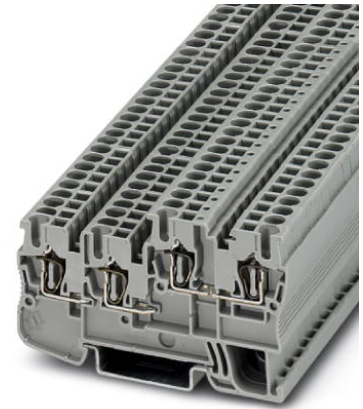



STIO 2,5/3-2B/L

Order No.: 3209015

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3209015>

Sensor/actuator terminal block, Connection method: 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	A634
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 176 (CL1-2011)

Product notes

WEEE/RoHS-compliant since:
01/18/2007



<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
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	5.2 mm
Length	75 mm
Height NS 35/7.5	44.5 mm
Height NS 35/15	52 mm

Technical data

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
Nominal current I_N	18 A
Nominal voltage U_N	250 V

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.	2.5 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 CUL, UL

Accessories

Item	Designation	Description
Assembly		
3209112	D-STIO 2,5/3	End cover, Length: 72.5 mm, Width: 2.2 mm, Color: gray

Bridges

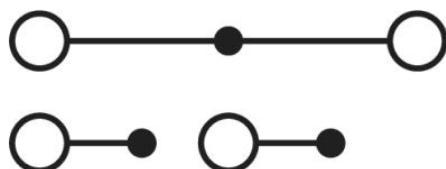
3030161	FBS 2-5	Plug-in bridge, Number of positions: 2, Color: red
3036877	FBS 2-5 BU	Plug-in bridge, Number of positions: 2, Color: blue
3038969	FBS 2-5 GY	Plug-in bridge, Number of positions: 2, Color: gray
3030174	FBS 3-5	Plug-in bridge, Number of positions: 3, Color: red
3036880	FBS 3-5 BU	Plug-in bridge, Number of positions: 3, Color: blue
3038972	FBS 3-5 GY	Plug-in bridge, Number of positions: 3, Color: gray
3030187	FBS 4-5	Plug-in bridge, Number of positions: 4, Color: red
3036893	FBS 4-5 BU	Plug-in bridge, Number of positions: 4, Color: blue
3038985	FBS 4-5 GY	Plug-in bridge, Number of positions: 4, Color: gray
3030190	FBS 5-5	Plug-in bridge, Number of positions: 5, Color: red
3036903	FBS 5-5 BU	Plug-in bridge, Number of positions: 5, Color: blue
3038998	FBS 5-5 GY	Plug-in bridge, Number of positions: 5, Color: gray
3030213	FBS 10-5	Plug-in bridge, Number of positions: 10, Color: red
3036916	FBS 10-5 BU	Plug-in bridge, Number of positions: 10, Color: blue
3039007	FBS 10-5 GY	Plug-in bridge, Number of positions: 10, Color: gray
3030226	FBS 20-5	Plug-in bridge, Number of positions: 20, Color: red
3036929	FBS 20-5 BU	Plug-in bridge, Number of positions: 20, Color: blue
3038671	FBS 20-5 GY	Plug-in bridge, Number of positions: 20, Color: gray
3038930	FBS 50-5	Plug-in bridge, Number of positions: 50, Color: red
3032114	FBS 50-5 BU	Plug-in bridge, Number of positions: 50, Color: blue
3032127	FBS 50-5 GY	Plug-in bridge, Number of positions: 50, Color: gray

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

Diagrams/Drawings

Circuit diagram



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