


STIO 2,5/4-PE/2B/L

Order No.: 3209060

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3209060>

Sensor/actuator terminal block, Type of connection: 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 | A635 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 109 (CL-2009) |

Product notes

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



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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 | 92.3 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 / IEC 60947-7-2 |
| 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 |
| Type of connection | Spring-cage connection |
| Stripping length | 10 mm |
| Internal cylindrical gage | A3 |

Certificates / Approvals



Certification

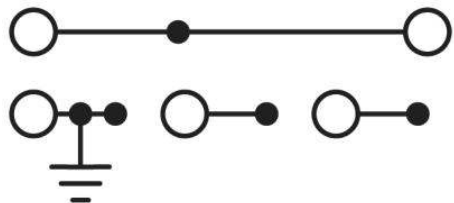
CUL, UL

Accessories

| Item | Designation | Description |
|-----------------|--------------|--|
| Assembly | | |
| 3209125 | D-STIO 2,5/4 | End cover, Length: 90 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 |

Diagrams/Drawings

Circuit diagram



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