

STTB 2,5-DIO/U-O


Order No.: 3031563

The illustration shows version STTB 2,5-DIO/O-U

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031563>

Component terminal block, Connection type: Spring-cage connection,
Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Nominal current: 22
A, Nominal voltage: 500 V, Length: 67.5 mm, Width: 5.2 mm,
Color: gray, Assembly: NS 35/7.5, NS 35/15

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 183080 |
| sales group | A642 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 128 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
07/04/2006

<http://www.download.phoenixcontact.com>
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Technical data

General

| | |
|-----------------------|------|
| Number of levels | 2 |
| Number of connections | 4 |
| Color | gray |

| | |
|------------------------------------|----|
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

Dimensions

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|------------------|---------|
| Width | 5.2 mm |
| Length | 67.5 mm |
| Height NS 35/7.5 | 47.5 mm |
| Height NS 35/15 | 55 mm |

Technical data

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|--------------------------------|---|
| Maximum load current | 26 A (with 4 mm ² conductor cross section) |
| Rated surge voltage | 4 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Nominal current I _N | 22 A |
| Nominal voltage U _N | 500 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

CSA, CUL, GOST, UL

Accessories

| Item | Designation | Description |
|-----------------|-----------------------------|--|
| Assembly | | |
| 3030747 | ATP-STTB 4 | Partition plate, Length: 88.7 mm, Width: 2 mm, Height: 53 mm, Color: gray |
| 3022218 | CLIPFIX 35 | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 3030459 | D-STTB 2,5 | End cover, Length: 67.5 mm, Width: 2.2 mm, Height: 47.5 mm, Color: gray |
| 1201442 | E/UK | End clamp, for assembly on NS 32 or NS 35/7.5 DIN rail |
| 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: 2 m |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1201756 | NS 35/15 AL UNPERF 2000MM | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m |
| 1201895 | NS 35/15 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 1201730 | NS 35/15 PERF 2000MM | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 1201798 | NS 35/15-2,3 UNPERF 2000MM | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 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 |
| 3038930 | FBS 50-5 | Plug-in bridge, Number of positions: 50, Color: red |

Marking

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|---------|---------------|---|
| 0800967 | STP 5-2 | Double marker carrier, snaps onto the double-level spring-cage terminal block STTB 2.5 and STTB 4, labeled with ZB 5 or ZBF 5 |
| 1050295 | ZB 5:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
| 0803647 | ZBFM 5:SO/CMS | Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements |

Plug/Adapter

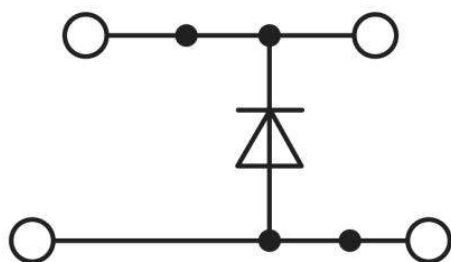
| | | |
|---------|-------------|--------------------------------------|
| 3002843 | ISH 2,5/0,2 | Insulation stop sleeve, Color: white |
| 3002856 | ISH 2,5/0,5 | Insulation stop sleeve, Color: gray |
| 3002869 | ISH 2,5/1,0 | Insulation stop sleeve, Color: black |
| 3030925 | PAI-4 | Test adapter,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

Tools

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|---------|---------------|---|
| 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 |
|---------|---------------|---|

Diagrams/Drawings

Circuit diagram



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