

SPB 2,5/ 1-M

Order No.: 3043132

Illustration shows versions of the SPB 2,5/1-... connector in various colors

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3043132>

Connector with spring-cage connection for self-assembly, bridgeable, middle element; cross section: 0.08 - 2.5 mm², width: 5.2 mm, color: Gray

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918894993 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.00352 KG |
| Catalog page information | Page 236 (CL-2007) |

Product notes

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

<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

Dimensions

| | |
|------------------|--------|
| Width | 5.2 mm |
| Length | 20 mm |
| Height NS 35/7,5 | 25 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 24 A (with 2.5 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 61 984 |
| Nominal current I _N | 24 A |
| Nominal voltage U _N | 500 V |
| Open side panel | nein |

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. | 0.25 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. | 0.25 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

Approval logo



CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 20 A |
| AWG/kcmil | 24-12 |

UL

| | |
|-----------------------|---|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 20 A |
| AWG/kcmil | 24-12 |
| Certification | BV, CB, CUL, DNV, GL, GOST, LR, UL, VDE-PZI |

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 3040559 | PR | Snap-lock device, for plugs, 1-pos. |
| 3040630 | PR/2 | Snap-lock device, for plugs, 2-pos. |
| 3040614 | PRZ | Snap-lock device and strain relief, for plugs, 2-pos. |
| 3040591 | PSH 3- 6 | Shielding, for mounting on PZ/... and PRZ, for cables with 3-6 mm diameter |
| 3040601 | PSH 5-10 | Shielding, for mounting on PZ/... and PRZ, for cables with 5-10 mm diameter |
| 3040627 | PZ/2 | Strain relief, for SP ... and SPB ... plugs, 2-pos. |
| 3040643 | PZ/4 | Strain relief, for SP ... and SPB ... plugs, 4-pos. |

Bridges

| | | |
|---------|----------|--|
| 3030161 | FBS 2-5 | Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red |
| 3030174 | FBS 3-5 | Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red |
| 3030187 | FBS 4-5 | Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red |
| 3030190 | FBS 5-5 | Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red |
| 3030213 | FBS 10-5 | Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red |
| 3030226 | FBS 20-5 | Plug-in bridge for cross-connections in the terminal center, 20-pos., color: Red |

Marking

| | | |
|---------|------------------------|--|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |
| 0808671 | ZBF 5,LGS:FORTL.ZAHLEN | Zack strip, flat, printed horizontally: 10-section, with the numbers, 1-10, 11-20 etc. up to 991-1000, color: White |
| 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 |