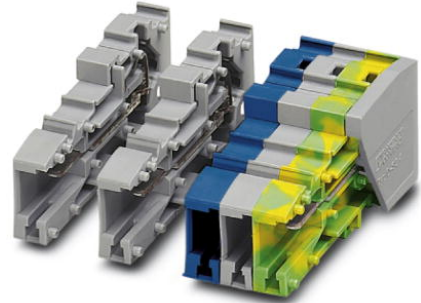


## SC 4/ 1-L

Order No.: 3042599

The illustration shows various color versions of the article

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3042599>

Coupling, Connection method: Spring-cage connection, Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 28 - 12, Width: 6.2 mm, Height: 22.3 mm, Color: gray

### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 046356 012737 |
| sales group              | A672                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85366990                                                                                               |
| Catalog page information | Page 321 (CL1-2011)                                                                                    |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2005



<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  | 6.2 mm  |
| Length | 48.6 mm |
| Height | 22.3 mm |

**Technical data**

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 32 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage              | 8 kV                                                  |
| Pollution degree                 | 3                                                     |
| Surge voltage category           | III                                                   |
| Insulating material group        | I                                                     |
| Connection in acc. with standard | IEC 61984                                             |
| Nominal current I <sub>N</sub>   | 32 A                                                  |
| Nominal voltage U <sub>N</sub>   | 800 V                                                 |
| Open side panel                  | ja                                                    |
| Number of positions              | 1                                                     |

**Connection data**

|                                                                                         |                        |
|-----------------------------------------------------------------------------------------|------------------------|
| Conductor cross section solid min.                                                      | 0.08 mm <sup>2</sup>   |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>      |
| Conductor cross section stranded min.                                                   | 0.08 mm <sup>2</sup>   |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>      |
| 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 <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>      |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.14 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>      |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>      |
| Connection method                                                                       | Spring-cage connection |
| Stripping length                                                                        | 10 mm                  |
| Internal cylindrical gage                                                               | A4                     |

**Certificates / Approvals**

Certification

CUL, GOST, UL

**Accessories**

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

**Assembly**

|         |        |                                                        |
|---------|--------|--------------------------------------------------------|
| 3043831 | CZ/2   | Strain relief, Number of positions: 2, Color: black    |
| 3043307 | D-SC 4 | End cover, Length: 48.6 mm, Width: 2.2 mm, Color: gray |

**Plug/Adapter**

|         |           |                                 |
|---------|-----------|---------------------------------|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray  |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |
| 0201702 | MPS-IH GN | Insulating sleeve, Color: green |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red   |
| 0201744 | MPS-MT    | Test plugs                      |

**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 |
|---------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

**Diagrams/Drawings**

Circuit diagram



**Address**

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