

## ST 2,5-3L

Order No.: 3036042

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036042>

Multiple-level terminal block, Type of connection: Spring-cage connection, Spring-cage connection, Cross section: 0.08 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 28 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7.5, NS 35/15

### Commercial data

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 876173 |
| sales group              | A634                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                               |
| Catalog page information | Page 102 (CL-2009)                                                                                     |

### Product notes

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



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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 3    |
| Number of connections | 6    |
| Color                 | gray |

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

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 99.5 mm |
| Height NS 35/7.5 | 58 mm   |
| Height NS 35/15  | 65.5 mm |

**Technical data**

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| Maximum load current             | 28 A (with 4 mm <sup>2</sup> 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 60947-7-1                                         |
| Nominal current I <sub>N</sub>   | 20 A                                                  |
| Nominal voltage U <sub>N</sub>   | 500 V                                                 |
| Open side panel                  | ja                                                    |

**Connection data**

|                                                                                         |                        |
|-----------------------------------------------------------------------------------------|------------------------|
| Conductor cross section solid min.                                                      | 0.08 mm <sup>2</sup>   |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>      |
| Conductor cross section stranded min.                                                   | 0.08 mm <sup>2</sup>   |
| Conductor cross section stranded max.                                                   | 2.5 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.              | 2.5 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.                 | 2.5 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>    |
| Type of connection                                                                      | Spring-cage connection |
| Stripping length                                                                        | 10 mm                  |

|                           |    |
|---------------------------|----|
| Internal cylindrical gage | A3 |
|---------------------------|----|

### Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

### Accessories

| Item            | Designation          | Description                                                                                                                                                                                          |
|-----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                      |                                                                                                                                                                                                      |
| 3036660         | D-ST 2,5-3L          | End cover, Length: 99.5 mm, Width: 2.2 mm, Height: 57.5 mm, Color: gray                                                                                                                              |
| <b>Bridges</b>  |                      |                                                                                                                                                                                                      |
| 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                                                                                                                                                  |
| <b>Marking</b>  |                      |                                                                                                                                                                                                      |
| 0810562         | STP 5-3              | Triple marker carriers, snaps onto the three-level spring-cage terminal block ST 2.5-3L, labeled with ZB 5 or ZBF                                                                                    |
| 3030941         | WST 2,5              | Warning cover, 5-pos., for terminal width: 5.2 mm                                                                                                                                                    |
| 0807180         | ZBFM 5/OG:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: orange |
| 0803595         | ZBFM 5/WH:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white  |
| 0803647         | ZBFM 5:SO/CMS        | Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements                                                                                        |

**Plug/Adapter**

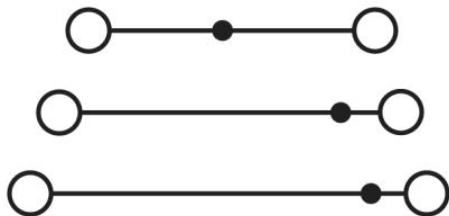
|         |             |                                      |
|---------|-------------|--------------------------------------|
| 3002843 | ISH 2,5/0,2 | Insulation stop sleeve, Color: white |
| 3002856 | ISH 2,5/0,5 | Insulation stop sleeve, Color: gray  |
| 3002869 | ISH 2,5/1,0 | Insulation stop sleeve, Color: black |
| 3030925 | PAI-4       | Test adapter, Color: gray            |
| 3030983 | PS-5        | Test adapter, Color: red             |

**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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