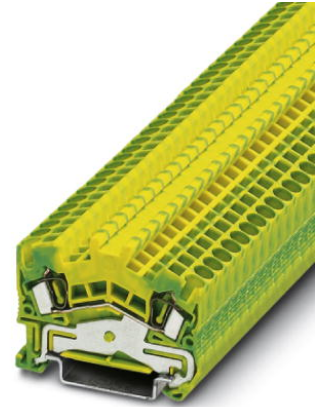


**STS 2,5-PE**

Order No.: 3036411

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036411>

Ground modular 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: green-yellow, Mounting type: NS 35/7.5, NS 35/15

**Commercial data**

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 017918 876968 |
| sales group              | A603                                                                                                   |
| Pack                     | 50 pcs.                                                                                                |
| Customs tariff           | 85369010                                                                                               |
| Catalog page information | Page 138 (CL-2009)                                                                                     |

**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****General**

|                       |              |
|-----------------------|--------------|
| Number of levels      | 1            |
| Number of connections | 2            |
| Color                 | green-yellow |

---

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

**Dimensions**

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 49 mm   |
| Height NS 35/7.5 | 43 mm   |
| Height NS 35/15  | 50.5 mm |

**Technical data**

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 8 kV          |
| Pollution degree                 | 3             |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-2 |
| 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

BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, UL, VDE-PZI

Certification Ex:

IECEX, PTB

## Accessories

| Item            | Designation             | Description                                                                                                                                                                         |
|-----------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |                         |                                                                                                                                                                                     |
| 3031762         | D-ST5 2,5               | End cover, Length: 51 mm, Width: 2.2 mm, Height: 43 mm, Color: gray                                                                                                                 |
| <b>Marking</b>  |                         |                                                                                                                                                                                     |
| 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                                                             |
| 0800190         | ZB 5 /VT-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet                 |
| 1050004         | ZB 5 :UNBEDRUCKT        | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White |
| 1050127         | ZB 5,LGS:1-9            | Zack strip, printed horizontally: 9-section, with the numbers 1 - 9, color: white                                                                                                   |
| 1050017         | ZB 5,LGS:FORTL.ZAHLEN   | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white                                                       |
| 1050033         | ZB 5,LGS:GLEICHE ZAHLEN | Zack marker strip, printed horizontally: 10-section, with identical numbers 1/1/1, 2/2/2, and so on up to 100, color: white                                                         |
| 1050415         | ZB 5,LGS:L1-N,PE        | Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white                                                                         |
| 1050020         | ZB 5,QR:FORTL.ZAHLEN    | Zack marker strip, 10-section, printed vertically: with consecutive numbers 1 - 10, 11 - 20, and so on up to 491 - 500, color: white                                                |
| 5061536         | ZB 5/BU-100:UNBEDRUCKT  | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: blue                   |

|         |                        |                                                                                                                                                                                                    |
|---------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5061497 | ZB 5/GN-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: green                                 |
| 1050211 | ZB 5/OG,LGS: 10-100    | Zack strip, printed horizontally: 10-section, with the numbers 10/20/30-100, (for decade labeling), color: orange                                                                                  |
| 5061471 | ZB 5/RD-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: red                                   |
| 5060906 | ZB 5/WH-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White |
| 5061510 | ZB 5/YE-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: yellow                                |
| 1050295 | ZB 5/SO/CMS            | Zack strip, 10-section, divisible, special printing, marking according to customer requirements                                                                                                    |

**Plug/Adapter**

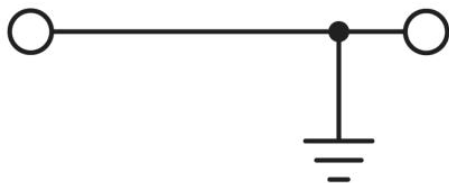
|         |             |                                      |
|---------|-------------|--------------------------------------|
| 3002843 | ISH 2,5/0,2 | Insulation stop sleeve, Color: white |
| 3002856 | ISH 2,5/0,5 | Insulation stop sleeve, Color: gray  |
| 3002869 | ISH 2,5/1,0 | Insulation stop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

**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



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