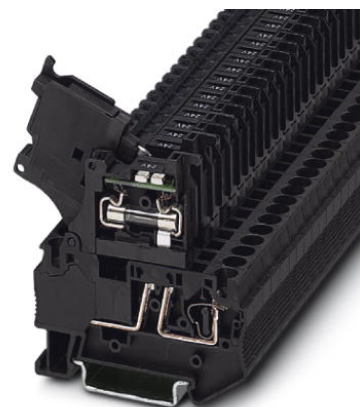


ST 4-HESILED 60 (5X20)


Order No.: 3036550

The illustration shows version ST 4-HESILED 24

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3036550>

Fuse terminal block with LED for assembly on NS 35, for 5 x 20
cartridge fuse inserts

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 900571 |
| sales group | A650 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 113 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
06/01/2006



[http://
www.download.phoenixcontact.com](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
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Technical data

General

| | |
|------------------------------------|-------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | black |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |

Dimensions

| | |
|------------------|---------|
| Width | 6.2 mm |
| Length | 61.5 mm |
| Height NS 35/7.5 | 62.5 mm |
| Height NS 35/15 | 70 mm |

Technical data

| | |
|----------------------------------|---|
| Fuse | G / 5 x 20 |
| Fuse type | Glass |
| LED voltage range | 30 V AC/DC ... 60 V AC/DC |
| Rated surge voltage | 4 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-3 |
| Nominal current I_N | 6.3 A (if used as disconnect terminal block. With fuse, the current is determined by the fuse used.) |
| Nominal voltage U_N | 500 V (if used as disconnect terminal block. With fuse, the voltage is determined by the light indicator used.) |
| Power loss | ≥ 1.6 W (With single arrangement of the fuse terminal block in the event of overload) |
| | ≥ 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload) |
| | ≥ 4 W (With single arrangement of the fuse terminal block in the event of a short-circuit) |
| | ≥ 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit) |
| LED voltage range | 30 V AC/DC ... 60 V AC/DC |
| LED current range | 0.95 mA ... 2.5 mA |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.08 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.08 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm ² |

| | |
|---|------------------------|
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 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. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Type of connection | Spring-cage connection |
| Stripping length | 10 mm |
| Internal cylindrical gage | A4 |

Certificates / Approvals



Certification

CB, CSA, CUL, GL, GOST, KEMA, UL

Accessories

| Item | Designation | Description |
|-----------------|-------------|---|
| Assembly | | |
| 3030721 | ATP-ST 4 | Partition plate, Length: 61 mm, Width: 2 mm, Height: 42 mm, Color: gray |
| 3004207 | VS | Connection pin, Length: 1000 mm, Color: white |

Bridges

| | | |
|---------|----------|---|
| 3030336 | FBS 2-6 | Plug-in bridge, Number of positions: 2, Color: red |
| 3030242 | FBS 3-6 | Plug-in bridge, Number of positions: 3, Color: red |
| 3030255 | FBS 4-6 | Plug-in bridge, Number of positions: 4, Color: red |
| 3030349 | FBS 5-6 | Plug-in bridge, Number of positions: 5, Color: red |
| 3030271 | FBS 10-6 | Plug-in bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Plug-in bridge, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Plug-in bridge, Number of positions: 50, Color: red |

Marking

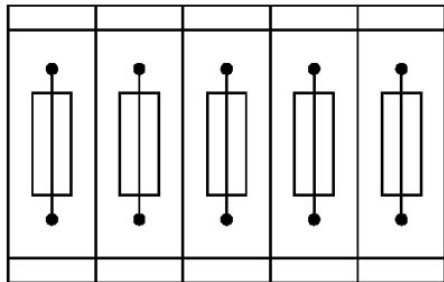
| | | |
|---------|-------------------------|--|
| 0800190 | ZB 5 /VT-100:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet |
| 1050004 | ZB 5 :UNBEDRUCKT | Zack strip, unprinted, 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 |
| 0807193 | ZBFM 6/OG:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 100-section, 10 strips à 10 markers, sufficient for 100 terminal blocks, for all terminal blocks, pitch 6.2 mm, labeling with M-PEN or CMS system, color: orange |
| 0803618 | ZBFM 6/WH:UNBEDRUCKT | Zack marker sheet, flat, unprinted: 100-section, 10 strips à 10 markers, sufficient for 100 terminal blocks, for all terminal blocks, pitch 6.2 mm, labeling with M-PEN or CMS system, color: white |
| 0803650 | ZBFM 6:SO/CMS | Special printing, Zack marker sheet, flat, 100-section, divisible, marking according to customer requirements |

Tools

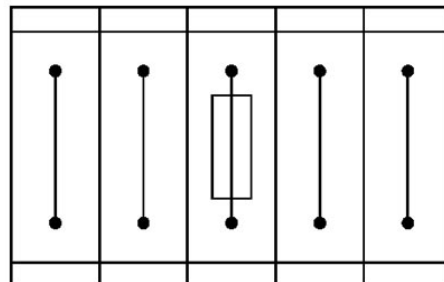
| | | |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|---------------|---|

Diagrams/Drawings

Application drawing

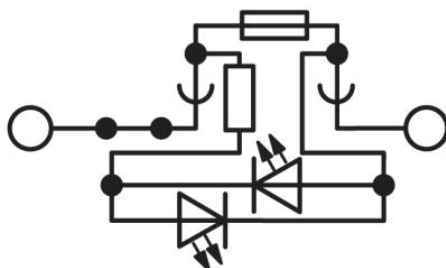


Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks



Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks

Circuit diagram



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