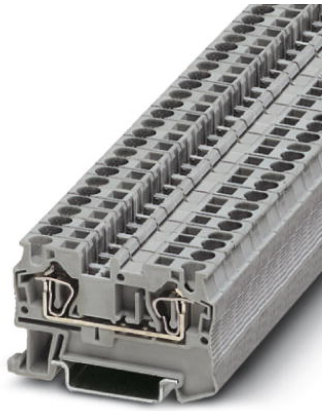
**Extract from the online catalog**

# ST 4

Order No.: 3031364



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3031364

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.08 mm² - 6 mm², AWG 28 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

| Commercial data | |
|---|---|
| EAN | 4017918186838 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.00865 KG |
| Catalog page information | Page 75 (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 | gray |
| Insulating material | PA |

| | |
|---|---|
| Inflammability class acc. to UL 94 | V0 |

**Dimensions**

| | |
|---|---|
| Width | 6.2 mm |
| Length | 56 mm |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15 | 44 mm |

**Technical data**

| | |
|---|---|
| Maximum load current | 40 A (with 6 $mm^2$ 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 60947-7-1 |
| Nominal current $I_N$ | 32 A |
| Nominal voltage $U_N$ | 800 V |
| Open side panel | ja |

**Connection data**

| | |
|---|---|
| Conductor cross section solid min. | 0.08 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section stranded min. | 0.08 mm² |
| Conductor cross section stranded max. | 4 mm² |
| 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 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.14 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm² |
| Type of connection | Spring-cage connection |

| | |
|---|---|
| Stripping length | 10 mm |
| Internal cylindrical gage | A4 |

## Certificates / Approvals

| | |
|---|---|
| Certification | ABS, BV, CB, CSA, CUL, DNV, GL, GOST, KR, LR, NK, UL, VDE-PZI |
| Certification Ex: | IECEx, KEMA-EX |

**CSA**

| | |
|---|---|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 30 A |
| AWG/kcmil | 28-10 |

**CUL**

| | |
|---|---|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 30 A |
| AWG/kcmil | 28-10 |

**UL**

| | |
|---|---|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 30 A |
| AWG/kcmil | 28-10 |

## Accessories

| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 3030721 | ATP-ST 4 | Partition plate, Length: 61 mm, Width: 2 mm, Height: 42 mm, Color: gray |
| 3022218 | CLIPFIX 35 | Snap-on end bracket, for 35 mm NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 8 and ZB 8/27, terminal strip marker KLM 2 and KLM, width: 9.5 mm, color: gray |
| 3022276 | CLIPFIX 35-5 | Snap-on end bracket, for NS 35/7.5 or NS 35/15 DIN rail, can be fitted with Zack strip ZB 5 and ZBF 5, terminal strip marker KLM 2 and KLM, parking facility for FBS...5, FBS...6, KSS 5, KSS 6, width: 5,15 mm, color: gray |

| | | |
|---|---|---|
| 3030420 | D-ST 4 | End cover, Length: 56 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray |
| 3036738 | DP PS-6 | Spacer plate, Color: red |
| 1201442 | E/UK | End clamp, for assembly on NS 32 or NS 35/7,5 DIN rail |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 0801733 | NS 35/ 7,5 PERF 2000MM | DIN rail, material: Steel, galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2 m |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m |
| 1201756 | NS 35/15 AL UNPERF 2000MM | DIN rail, deep-drawn, high profile, unperforated, 1.5 mm thick, material: Aluminum, height 15 mm, width 35 mm, length 2 m |
| 1201895 | NS 35/15 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, 1.5 mm thick, height 15 mm, width 35 mm, length: 2 m |
| 1201730 | NS 35/15 PERF 2000MM | DIN rail, material: Steel, perforated, height 15 mm, width 35 mm, length: 2 m |
| 1201714 | NS 35/15 UNPERF 2000MM | DIN rail, material: Steel, unperforated, height 15 mm, width 35 mm, length: 2 m |
| 1201798 | NS 35/15-2,3 UNPERF 2000MM | DIN rail, material: Steel, unperforated, 2.3 mm thick, height 15 mm, width 35 mm, length: 2 m |

**Bridges**

| | | |
|---|---|---|
| 3030336 | FBS 2-6 | Cross connector/bridge, Number of positions: 2, Color: red |
| 3030242 | FBS 3-6 | Cross connector/bridge, Number of positions: 3, Color: red |
| 3030255 | FBS 4-6 | Cross connector/bridge, Number of positions: 4, Color: red |
| 3030349 | FBS 5-6 | Cross connector/bridge, Number of positions: 5, Color: red |
| 3030271 | FBS 10-6 | Cross connector/bridge, Number of positions: 10, Color: red |
| 3030365 | FBS 20-6 | Cross connector/bridge, Number of positions: 20, Color: red |

**General**

| | | |
|---|---|---|
| 0828282 | CARRIER-TM 300 | **Label adapter,** 300 mm long, can be snapped into the flat zack marker strip groove, for accommodating ZB ... oder UC-TM ... |
| 0810588 | GBS 5-25X12 | Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5 |
| 0809298 | GBS-ZB/26X6 | Group marking label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with ESL 26x6 mm or EST 25x6 mm, in the foot part with Zack marker strip, length: 29 mm |

**Marking**

| | | |
|---|---|---|
| 3030954 | WST 4 | Warning cover, 5-pos., for terminal width: 6.2 mm |

| | | |
|---|---|---|
| 1050499 | ZB 6:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
| 0803650 | ZBFM 6:SO/CMS | Special printing, Zack marker sheet, flat, 100-section, divisible, marking according to customer requirements |

**Plug/Adapter**

| | | |
|---|---|---|
| 3002885 | ISH 4/0,5 | Insulating sleeve, Color: gray |
| 3002898 | ISH 4/1,0 | Insulating sleeve, Color: black |
| 0201744 | MPS-MT | Metal part |
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3030996 | PS-6 | Test adapter, Color: red |
| 0201647 | RPS | Reducing plug, Color: gray |

**Tools**

| | | |
|---|---|---|
| 1204517 | SZF 1-0,6X3,5 | Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm |

## Diagrams/Drawings

Circuit diagram



Approbationslogos (EX-Bereich)



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