

## PIT 2,5-QUATTRO

Order No.: 3209578



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3209578>

Feed-through modular terminal block, Type of connection: Leg spring connection, Leg spring connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 26 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4046356329859      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.0106 KG          |
| Catalog page information | Page 181 (CL-2009) |

### Product notes

WEEE/RoHS-compliant since:  
08/13/2009



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### Technical data

#### General

|                       |      |
|-----------------------|------|
| Number of levels      | 1    |
| Number of connections | 4    |
| Color                 | gray |

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

#### Dimensions

|                  |         |
|------------------|---------|
| Width            | 5.2 mm  |
| Length           | 72 mm   |
| Height NS 35/7,5 | 36.5 mm |
| Height NS 35/15  | 44 mm   |

#### Technical data

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 8 kV          |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$            | 24 A          |
| Nominal voltage $U_N$            | 800 V         |
| Open side panel                  | ja            |

#### Connection data

|   |                       |
|---|-----------------------|
| Conductor cross section solid min.  | 0.14 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>     |
| Conductor cross section stranded min.   | 0.14 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 26                    |
| 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  | Leg spring connection |
| Stripping length  | 10 mm                 |
| Internal cylindrical gage   | A3                    |

### Certificates / Approvals

Certification CUL, UL

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 20 A  |
| AWG/kcmil             | 24-12 |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 600 V |
| Nominal current $I_N$ | 20 A  |
| AWG/kcmil             | 24-12 |

### Accessories

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

#### Assembly

|         |                             |  |
|---------|-----------------------------|--|
| 3030815 | ATP-ST QUATTRO              | Partition plate, Length: 90.9 mm, Width: 2 mm, Height: 45 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 |
| 3030514 | D-ST 2,5-QUATTRO            | End cover for modular terminal blocks, Length: 72 mm, Width: 2.2 mm, Height: 36.5 mm, Color: gray  |
| 3036725 | DP PS-5                     | Spacer plate, Color: red   |
| 3036602 | DS-ST 2,5                   | Cover segment, Length: 72 mm, Height: 36.5 mm, Color: gray   |
| 0801704 | NS 35/ 7,5 AL UNPERF 2000MM | DIN rail, material: Aluminum, unperforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 0801762 | NS 35/ 7,5 CU UNPERF 2000MM | DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m  |
| 1207640 | NS 35/ 7,5 PERF 755MM       | NS 35 DIN rail, height 7.5 mm, length 755 mm   |
| 1207653 | NS 35/ 7,5 PERF 955MM       | NS35 DIN rail, height 7.5 mm, length 955 mm  |
| 1207666 | NS 35/ 7,5 PERF 1155MM      | NS 35 DIN rail, height 7.5 mm, length 1155 mm  |
| 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   |
| 1208131 | NS 35/ 7,5 PERF/...         | DIN rail, Color: silver  |
| 0801681 | NS 35/ 7,5 UNPERF 2000MM    | DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m   |
| 1208115 | NS 35/ 7,5 UNPERF/...       | DIN rail, Color: silver  |

|         |                              |  |
|---------|------------------------------|--|
| 1208128 | NS 35/ 7,5 UNPERF/SO/...     | DIN rail, Color: silver  |
| 0801377 | NS 35/ 7,5 V2A UNPERF 2000MM | DIN rail, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver                         |
| 1206421 | NS 35/ 7,5 ZN PERF 2000MM    | DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m            |
| 1206434 | NS 35/ 7,5 ZN UNPERF 2000MM  | DIN rail, material: Galvanized, unperforated, height 7.5 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                |
| 1208144 | NS 35/15 UNPERF/...          | DIN rail, Color: silver  |
| 1208157 | NS 35/15 UNPERF/SO/...       | DIN rail, Color: silver  |
| 1206586 | NS 35/15 ZN UNPERF 2000MM    | DIN rail, material: Galvanized, unperforated, height 15 mm, width 35 mm, length: 2 m           |
| 3038943 | RB ST (2,5/4)-1,5            | Cross connector/jumper for modular terminal block, Number of positions: 2, Color: red          |

**Bridges**

|         |          |  |
|---------|----------|--|
| 3030161 | FBS 2-5  | Cross connector/jumper for modular terminal block, Number of positions: 2, Color: red  |
| 3030174 | FBS 3-5  | Cross connector/jumper for modular terminal block, Number of positions: 3, Color: red  |
| 3030187 | FBS 4-5  | Cross connector/jumper for modular terminal block, Number of positions: 4, Color: red  |
| 3030190 | FBS 5-5  | Cross connector/jumper for modular terminal block, Number of positions: 5, Color: red  |
| 3030213 | FBS 10-5 | Cross connector/jumper for modular terminal block, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Cross connector/jumper for modular terminal block, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Cross connector/jumper for modular terminal block, Number of positions: 50, Color: red |

**General**

|         |             |  |
|---------|-------------|--|
| 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

|         |                  |   |
|---------|------------------|---|
| 3037643 | STP 5-2-ZB       | Double marker carrier, snaps onto the spring-cage terminal blocks ST 2.5..., labeled with ZB 5 or ZBF 5   |
| 0818108 | UC-TM 5          | UniCard sheets, for labeling terminal blocks using Zack marker strip groove,96-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White                                  |
| 0824581 | UC-TM 5 CUS      | UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements   |
| 0824588 | UC-TM 5L CUS     | UniCard sheets, for labeling terminal blocks with a zack marker strip groove, can be printed as per customer requirements   |
| 0819796 | UC-TMF 5L        | UniCard sheets, for labeling terminal blocks using a flat Zack marker strip groove, 192-section, can be labeled with CMS-P1-PLOTTER, color: White                                   |
| 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 |
| 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                 |
| 0201731 | MPS-IH BK   | Insulating sleeve, for MPS metal part, Color: black  |
| 0201689 | MPS-IH BU   | Insulating sleeve, for MPS metal part, Color: blue   |
| 0201702 | MPS-IH GN   | Insulating sleeve, for MPS metal part, Color: green  |
| 0201728 | MPS-IH GY   | Insulating sleeve, for MPS metal part, Color: gray   |
| 0201676 | MPS-IH RD   | Insulating sleeve, for MPS metal part, Color: red    |
| 0201715 | MPS-IH VT   | Insulating sleeve, for MPS metal part, Color: violet |
| 0201663 | MPS-IH WH   | Insulating sleeve, for MPS metal part, Color: white  |
| 0201692 | MPS-IH YE   | Insulating sleeve, for MPS metal part, Color: yellow |
| 0201744 | MPS-MT      | Metal part for test connector                        |
| 3030925 | PAI-4       | Test adapter, Color: gray                            |
| 3030983 | PS-5        | Test adapter, Color: red                             |

### Tools

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

**Drawings**

Circuit diagram

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