

## PIT 2,5-QUATTRO-DIO/L-R

Order No.: 3210266

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3210266>

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                      | 4046356335874      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.010636 KG        |
| Catalog page information | Page 197 (CL-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                                                   |
| Pollution degree          | 3                                                      |
| Surge voltage category    | III                                                    |
| Insulating material group | I                                                      |
| Nominal current $I_N$     | 0.5 A (the maximum current is determined by the diode) |
| 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                    |

#### Accessories

| Item            | Designation    | Description                                                               |
|-----------------|----------------|---------------------------------------------------------------------------|
| <b>Assembly</b> |                |                                                                           |
| 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, 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/bridge, Number of positions: 2, Color: red                                                                                                                                                                   |
| <b>Bridges</b> |                              |                                                                                                                                                                                                                              |
| 3030161        | FBS 2-5                      | Cross connector/bridge, Number of positions: 2, Color: red                                                                                                                                                                   |

|         |          |                                                             |
|---------|----------|-------------------------------------------------------------|
| 3030174 | FBS 3-5  | Cross connector/bridge, Number of positions: 3, Color: red  |
| 3030187 | FBS 4-5  | Cross connector/bridge, Number of positions: 4, Color: red  |
| 3030190 | FBS 5-5  | Cross connector/bridge, Number of positions: 5, Color: red  |
| 3030213 | FBS 10-5 | Cross connector/bridge, Number of positions: 10, Color: red |
| 3030226 | FBS 20-5 | Cross connector/bridge, Number of positions: 20, Color: red |
| 3038930 | FBS 50-5 | Cross connector/bridge, 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                                                           |
| 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, 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                                           |
| 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 |
|---------|---------------|-------------------------------------------------------|

#### Diagrams/Drawings

Circuit diagram



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