

RT 5

Order No.: 3049026

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3049026>

Feed-through terminal block with bolt connection, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 16.3 mm, color: Gray

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4046356140799 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.03963 KG |
| Catalog page information | Page 313 (CL-2009) |

Product notes

WEEE/RoHS-compliant since:
04/23/2007



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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 | 16.3 mm |
| Length | 66 mm |
| Height NS 35/7,5 | 51 mm |
| Height NS 35/15 | 58.5 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 41 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 | 41 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | ja |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 0.1 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.1 mm ² |
| Conductor cross section stranded max. | 6 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 10 |
| Type of connection | Bolt connection |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 3 Nm |

Certificates / Approvals

Certification

CB, CUL, UL, VDE-PZI

CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 30 A |

UL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 600 V |
| Nominal current I_N | 30 A |

Accessories

| Item | Designation | Description |
|-----------------|-----------------------------|--|
| Assembly | | |
| 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 |
| 3049097 | D-RT 3/5 | Cover, Length: 65 mm, Width: 2.2 mm, Height: 50.4 mm, Color: gray |
| 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 |
| 0706647 | TPNS-UK | Separating plate, Length: 80 mm, Width: 2 mm, Height: 70 mm, Color: gray |

Bridges

| | | |
|---------|---------|--|
| 3030284 | FBS 2-8 | Cross connector/bridge, Number of positions: 2, Color: red |
| 3030297 | FBS 3-8 | Cross connector/bridge, Number of positions: 3, Color: red |
| 3030307 | FBS 4-8 | Cross connector/bridge, Number of positions: 4, Color: red |
| 3030310 | FBS 5-8 | Cross connector/bridge, Number of positions: 5, Color: red |

General

| | | |
|---------|-------------------|------------------|
| 0820222 | ZB 16,3:UNPRINTED | Terminal marking |
|---------|-------------------|------------------|

Marking

| | | |
|---------|-----------------|--|
| 0812120 | ZB 12:UNPRINTED | Zack marker strip, unprinted: 5-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks per pack |
|---------|-----------------|--|

Plug/Adapter

| | | |
|---------|-----------|---|
| 0201689 | MPS-IH BU | Insulating sleeve, for MPS metal part, Color: blue |
| 0201676 | MPS-IH RD | Insulating sleeve, Color: red |
| 0201663 | MPS-IH WH | Insulating sleeve, for MPS metal part, Color: white |
| 0201744 | MPS-MT | Metal part |
| 3030925 | PAI-4 | Test adapter, Color: gray |
| 3031005 | PS-8 | Test adapter, Color: red |

Tools

| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval |
|---------|-------------|--|

Diagrams/Drawings

Circuit diagram



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