


RT 8

Order No.: 3049042



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3049042>

Feed-through terminal block with bolt connection, cross section: 2.5 - 35 mm², AWG: 14 - 2, width 20.2 mm, color: Gray

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 046356 140027 |
| sales group | A800 |
| Pack | 25 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 313 (CL-2009) |

Product notes

WEEE/RoHS-compliant since: 11/28/2007



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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 | 20.3 mm |
| Length | 84 mm |
| Height NS 35/7.5 | 63.8 mm |
| Height NS 35/15 | 71.3 mm |

Technical data

| | |
|----------------------------------|---|
| Maximum load current | 125 A (with 35 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 | 125 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | ja |
| Number of positions | 1 |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 2.5 mm ² |
| Conductor cross section solid max. | 35 mm ² |
| Conductor cross section stranded min. | 2.5 mm ² |
| Conductor cross section stranded max. | 35 mm ² |
| Conductor cross section AWG/kcmil min. | 14 |
| Conductor cross section AWG/kcmil max | 2 |
| Type of connection | Bolt connection |
| Screw thread | M8 |
| Tightening torque, min | 4.5 Nm |
| Tightening torque max | 5 Nm |

Certificates / Approvals

Certification

ABS, CB, CUL, UL, VDE-PZI

| 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 |
| 3049194 | D-RT 8 | Cover, width: 2.2 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 |
| 3003062 | TPN-UK | Separating plate, Length: 110 mm, Width: 2 mm, Height: 69 mm, Color: gray |
| Bridges | | |
| 3005947 | FBS 2-10 | Plug-in bridge, Number of positions: 2, Color: red |
| General | | |
| 0820222 | ZB 16,3:UNPRINTED | Terminal marking |
| 0820248 | ZB 20,3:UNPRINTED | Terminal marking |
| Tools | | |
| 1205066 | SZS 1,0X4,0 VDE | Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip |

Diagrams/Drawings

Circuit diagram



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