

Feed-through terminal block - RTO 5-TC - 3049961

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Feed-through terminal block with bolt connection technology and transparent safety contact hood, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 16.3 mm, color: gray

Product Features

- Four bridge shafts per terminal block
- Terminal point always freely accessible

Key commercial data

| | |
|-------------------------|---------------|
| package_quantity | 50 |
| GTIN | 4046356431385 |

Technical data

General

| | |
|--|---|
| Note | Note: the BE-RT... path extension is to be used for non-insulated cable lugs (see accessories). |
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |

General

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

Dimensions

| | |
|-------------------------|---------|
| Width | 16.3 mm |
| Length | 66 mm |
| Height NS 35/7,5 | 51 mm |

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Technical data

Dimensions

| | |
|------------------------|---------|
| Height NS 35/15 | 58.5 mm |
|------------------------|---------|

Connection data

| Note | Connection bolts |
|--|---------------------|
| Conductor cross section solid min. | 0.1 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded min. | 0.1 mm ² |
| Conductor cross section stranded max. | 6 mm ² |
| Min. AWG conductor cross section, stranded | 26 |
| Max. AWG conductor cross section, stranded | 10 |
| Min. cross section for cable lug connection | 0.5 mm ² |
| Max. cross section for cable lug connection | 6 mm ² |
| Connection method | Bolt connection |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 3 Nm |

classifications

eCl@ss

| | |
|-------------------|----------|
| eCl@ss 4.0 | 27141120 |
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

ETIM

| | |
|-----------------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

UNSPSC

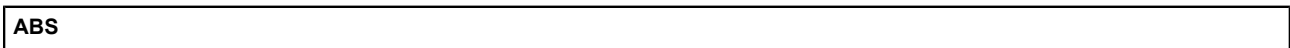
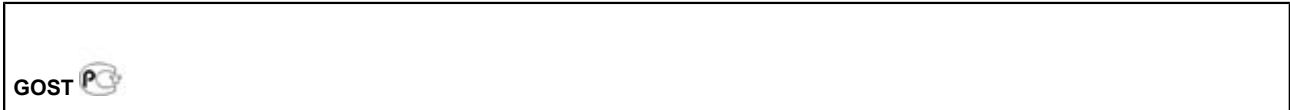
| | |
|----------------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

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approvals

GOST / ABS / GOST /

Approval details



accessories

End cover

D-RT 5-T - 3049291



BE-RT 3/5 - 3049819



DP PS-8 - 3036741



Partition plate

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accessories

TPNS-UK - 0706647



Socket spanner

SHN 8 - 1209868



Bridge

FBS 2-8 - 3030284



FBS 3-8 - 3030297



FBS 4-8 - 3030307



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accessories

FBS 5-8 - 3030310



FBS 10-8 - 3030323



FBSRH 2-8 - 3033802



FBSRH 3-8 - 3033803



FBSRH 4-8 - 3033804



Mounting rail

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accessories

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



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accessories

NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



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accessories

NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



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accessories

NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



Terminal marking

ZB 16:UNPRINTED - 0827461



UC-TM 16 - 0819217



UCT-TM 16 - 0829146



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accessories

ZB 16,3:UNPRINTED - 0820222



Labeled terminal marker

ZB 16 CUS - 0827463



UC-TM 16 CUS - 0824621



UCT-TM 16 CUS - 0829637



ZB 16,3 CUS - 0824946



Test plug terminal block

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accessories

MPS-MT - 0201744



PAI-4-N GY - 3032871



PS-8 - 3031005



PS-8/2,3MM RD - 3048564



Insulating sleeve

MPS-IH WH - 0201663



Feed-through terminal block - RTO 5-TC - 3049961

accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



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accessories

End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Drawings

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Circuit diagram



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