

Feed-through terminal block - UT 10 RD - 3046304

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 10.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

Product Features

- ✓ The large wiring space enables the connection of solid and stranded conductors without ferrules, even above the nominal cross section
- ✓ As well as saving space, the compact design enables user-friendly wiring in a small amount of space
- ✓ Optimum screwdriver guidance through closed screw shafts
- ✓ The multi-conductor connection offers maximum flexibility and wiring density
- ✓ The cable entry funnel enables the use of conductors with ferrules and plastic collars within the nominal cross section



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 18.68 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 10 mm ² |
| Color | red |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |

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Technical data

General

| | |
|----------------------------------|--|
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 76 A (with 16 mm ² conductor cross section) |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | ja |

Dimensions

| | |
|------------------|---------|
| Width | 10.2 mm |
| End cover width | 2.2 mm |
| Length | 47.7 mm |
| Height NS 35/7,5 | 47.5 mm |
| Height NS 35/15 | 55 mm |

Connection data

| | |
|---|--|
| Connection method | Screw connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Note | Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area. |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 6 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 6 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |

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Connection data

| | |
|---|---------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 mm ² |
| Stripping length | 10 mm |
| Internal cylindrical gage | A6 |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

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 |
| eCl@ss 9.0 | 27141120 |

ETIM

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

UNSPSC

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

Feed-through terminal block - UT 10 RD - 3046304

Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEx CB Scheme / GL / DNV / EAC / EAC / RS / cULus Recognized


Ex Approvals

IECEx / ATEX / EAC Ex

Approvals submitted


Approval details


| | | |
|---|-------|-------|
| CSA  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-6 | 20-6 |
| Nominal current I _N | 65 A | 65 A |
| Nominal voltage U _N | 600 V | 600 V |


| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-6 | 20-6 |
| Nominal current I _N | 65 A | 65 A |
| Nominal voltage U _N | 600 V | 600 V |

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Approvals

| | |
|---|--------|
| VDE Gutachten mit Fertigungsüberwachung  | |
| mm²/AWG/kcmil | 0.5-10 |
| Nominal voltage UN | 1000 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | C |
| mm²/AWG/kcmil | 20-6 | 20-6 |
| Nominal current IN | 65 A | 65 A |
| Nominal voltage UN | 600 V | 600 V |

| | |
|---|--------|
| IECEE CB Scheme  | |
| mm²/AWG/kcmil | 0.5-10 |
| Nominal voltage UN | 1000 V |


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| GL |
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| DNV |
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| EAC |
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| EAC |
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| RS |
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| cULus Recognized  |
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