# Knife disconnect terminal block - UT 4-MTL-P/P KNIFE-RD - 3046154

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Knife disconnect terminal block, with actuation bracket and test socket screws for insertion of test plugs, Connection type: Screw connection, Cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, Nominal current: 20 A, Nominal voltage: 500 V, Length: 57.8 mm, Width: 6.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

## Product Features

- Compact design and high current carrying capacity of 20 A

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 12.6 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 4 mm² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Area of application | Mechanical engineering |
| | Plant engineering |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |

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## Technical data

### General

| | |
|---|---|
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 20 A (with 6 mm² conductor cross section) |
| Nominal current $I_N$ | 20 A |
| Nominal voltage $U_N$ | 500 V |
| Open side panel | No |

### Dimensions

| | |
|---|---|
| Width | 6.2 mm |
| End cover width | 2.2 mm |
| Length | 57.8 mm |
| Height NS 35/7,5 | 49.1 mm |
| Height NS 35/15 | 56.6 mm |

### Connection data

| | |
|---|---|
| Connection method | Screw connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 0.14 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible min. | 0.14 mm² |
| Conductor cross section flexible max. | 6 mm² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm² |
| 2 conductors with same cross section, solid min. | 0.14 mm² |
| 2 conductors with same cross section, solid max. | 1.5 mm² |
| 2 conductors with same cross section, stranded min. | 0.14 mm² |
| 2 conductors with same cross section, stranded max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.14 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |

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## Technical data

### Connection data

| | |
|---|---|
| Stripping length | 9 mm |
| Internal cylindrical gage | A4 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

### Standards and Regulations

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

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 5.1 | 27141126 |
| eCl@ss 6.0 | 27141126 |
| eCl@ss 8.0 | 27141126 |

### ETIM

| | |
|---|---|
| ETIM 5.0 | EC000902 |

## Approvals

### Approvals

Approvals

CSA / UL Recognized / cUL Recognized

Ex Approvals

Approvals submitted

### Approval details

| CSA | | | |
|---|---|---|---|
| | B | C | D |
| mm²/AWG/kcmil | 26-10 | 26-10 | 26-10 |

# Knife disconnect terminal block - UT 4-MTL-P/P KNIFE-RD - 3046154

## Approvals

| | B | C | D |
|---|---|---|---|
| Nominal current IN | 16 A | 16 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| UL Recognized | | |
|---|---|---|
| | B | C |
| mm²/AWG/kcmil | 26-10 | 26-10 |
| Nominal current IN | 16 A | 16 A |
| Nominal voltage UN | 300 V | 300 V |

| cUL Recognized | | |
|---|---|---|
| | B | C |
| mm²/AWG/kcmil | 26-10 | 26-10 |
| Nominal current IN | 16 A | 16 A |
| Nominal voltage UN | 300 V | 300 V |

## Drawings

Circuit diagram



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