

## Knife disconnect terminal block - UT 6-MT BU - 3073267

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Knife disconnect terminal block, Connection type: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, Nominal current: 20 A, Nominal voltage: 500 V, Length: 57.8 mm, Width: 8.2 mm, Color: blue, Assembly: NS 35/7,5, NS 35/15

### Product Features

- Double bridge shaft enables individual potential distribution and supply
- 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) | 18.4 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Poland   |

### Technical data

#### General

|   |               |
|---|---------------|
| Number of levels                        | 1             |
| Number of connections                   | 2             |
| Color                                   | blue          |
| Insulating material                     | PA            |
| Inflammability class according to UL 94 | V0            |
| Rated surge voltage                     | 6 kV          |
| Pollution degree                        | 3             |
| Surge voltage category                  | III           |
| Insulating material group               | I             |
| Connection in acc. with standard        | IEC 60947-7-1 |

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## Technical data

### General

|                                |  |
|--------------------------------|--|
| Maximum load current           | 20 A (with 10 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub> | 20 A   |
| Nominal voltage U <sub>N</sub> | 500 V  |
| Maximum load current           | 20 A (with 10 mm <sup>2</sup> conductor cross section) |
| Open side panel                | nein   |

### Dimensions

|                  |         |
|------------------|---------|
| Width            | 8.2 mm  |
| Length           | 57.8 mm |
| Height NS 35/7,5 | 49.1 mm |
| Height NS 35/15  | 56.6 mm |

### Connection data

|   |                      |
|---|----------------------|
| Connection in acc. with standard  | IEC 60947-7-1        |
| Connection method   | Screw connection     |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 10 mm <sup>2</sup>   |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 8                    |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.   | 10 mm <sup>2</sup>   |
| Min. AWG conductor cross section, stranded  | 24                   |
| Max. AWG conductor cross section, stranded  | 8                    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>    |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Stripping length  | 10 mm                |

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## Technical data

### Connection data

|                           |        |
|---------------------------|--------|
| Internal cylindrical gage | A5     |
| Screw thread              | M4     |
| Tightening torque, min    | 1.5 Nm |
| Tightening torque max     | 1.8 Nm |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141117 |
| eCl@ss 4.1 | 27141117 |
| eCl@ss 5.0 | 27141126 |
| eCl@ss 5.1 | 27141126 |
| eCl@ss 6.0 | 27141126 |
| eCl@ss 7.0 | 27141126 |
| eCl@ss 8.0 | 27141126 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| ETIM 4.0 | EC000902 |
| ETIM 5.0 | EC000902 |

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / CSA / EAC / EAC / cULus Recognized

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#### Ex Approvals

# Knife disconnect terminal block - UT 6-MT BU - 3073267

## Approvals

Approvals submitted

### Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 24-8  | 24-8  |
| Nominal current I <sub>N</sub> | 20 A  | 20 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|                                |       |       |
|--------------------------------|-------|-------|
| cUL Recognized                 |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 24-8  | 24-8  |
| Nominal current I <sub>N</sub> | 20 A  | 20 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|                                |       |       |
|--------------------------------|-------|-------|
| CSA                            |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 24-8  | 24-8  |
| Nominal current I <sub>N</sub> | 16 A  | 16 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|     |
|-----|
| EAC |
|-----|

|     |
|-----|
| EAC |
|-----|

|                  |
|------------------|
| cULus Recognized |
|------------------|

## Drawings

## Knife disconnect terminal block - UT 6-MT BU - 3073267

Circuit diagram



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