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## Knife disconnect terminal block - UDK 4-MTK-P/P BU - 2775223

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Knife disconnect terminal block, With test socket screws for insertion of test plugs, Connection type: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 24 - 10, Nominal current: 16 A, Nominal voltage: 630 V, Length: 63.5 mm, Width: 6.2 mm, Color: blue, Assembly: NS 35/7,5, NS 35/15, NS 32

### Why buy this product

- Closed housing of double-level terminal blocks
- Space-saving design just 6.2 mm wide
- User-friendly disconnect knife operation

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 STK  |
| GTIN         | <br>4 017918 068523 |

### Technical data

#### General

|  |   |
|--|---|
| Number of levels                       | 1   |
| Number of connections                  | 4   |
| Nominal cross section                  | 4 mm <sup>2</sup>                                     |
| Color                                  | blue  |
| Insulating material                    | PA  |
| Flammability rating according to UL 94 | V2  |
| Rated surge voltage                    | 8 kV  |
| Degree of pollution                    | 3   |
| Overvoltage category                   | III   |
| Insulating material group              | I   |
| Connection in acc. with standard       | IEC 60947-7-1   |
| Nominal current I <sub>N</sub>         | 16 A  |
| Maximum load current                   | 16 A (with 6 mm <sup>2</sup> conductor cross section) |
| Nominal voltage U <sub>N</sub>         | 630 V   |
| Open side panel                        | Yes   |

#### Dimensions

|       |        |
|-------|--------|
| Width | 6.2 mm |
|-------|--------|

# Knife disconnect terminal block - UDK 4-MTK-P/P BU - 2775223

## Technical data

### Dimensions

|                  |         |
|------------------|---------|
| Length           | 63.5 mm |
| Height NS 35/7,5 | 47 mm   |
| Height NS 35/15  | 54.5 mm |
| Height NS 32     | 52 mm   |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 6 mm <sup>2</sup>    |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 10                   |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 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.                 | 1.5 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.  | 1 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.                                     | 1.5 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>  |
| 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. | 1 mm <sup>2</sup>    |
| Cross section with insertion bridge, solid max.   | 2.5 mm <sup>2</sup>  |
| Cross section with insertion bridge, stranded max.                                      | 2.5 mm <sup>2</sup>  |
| Connection method   | Screw connection     |
| Stripping length  | 8 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       | CSA           |
|  | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V2            |

# Knife disconnect terminal block - UDK 4-MTK-P/P BU - 2775223

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141126 |
| eCl@ss 4.1 | 27141126 |
| 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 | EC000897 |
| ETIM 3.0 | EC000897 |
| 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


#### Approvals

CSA / RS / PRS / EAC / EAC

#### Ex Approvals

#### Approvals submitted

### Approval details

|   |                            |       |       |
|---|----------------------------|-------|-------|
|  | B                          | C     | D     |
|   | mm <sup>2</sup> /AWG/kcmil | 22-10 | 22-10 |

# Knife disconnect terminal block - UDK 4-MTK-P/P BU - 2775223

## Approvals

|                                | B     | C     | D     |
|--------------------------------|-------|-------|-------|
| Nominal current I <sub>N</sub> | 15 A  | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V | 600 V |

RS

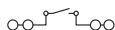
PRS

EAC

EAC

## Drawings

Circuit diagram



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