

## Short-circuit connector - UPCT 4/3 - 3057458

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Plug, 3-pos. with integrated, automatic short circuit function



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 10 pc    |
| Weight per Piece (excluding packing) | 30.29 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### General

|                                        |                   |
|----------------------------------------|-------------------|
| Number of levels                       | 1                 |
| Number of connections                  | 3                 |
| Nominal cross section                  | 4 mm <sup>2</sup> |
| Color                                  | gray              |
| Insulating material                    | PA                |
| Flammability rating according to UL 94 | V0                |

#### Dimensions

|        |         |
|--------|---------|
| Width  | 18.6 mm |
| Length | 38.5 mm |
| Height | 48.5 mm |

#### General

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Maximum load current | 20 A (with 6 mm <sup>2</sup> conductor cross section) |
| Rated surge voltage  | 4 kV                                                  |
| Degree of pollution  | 3                                                     |

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## Technical data

### General

|                                                                         |           |
|-------------------------------------------------------------------------|-----------|
| Overvoltage category                                                    | III       |
| Insulating material group                                               | I         |
| Connection in acc. with standard                                        | IEC 61984 |
| Maximum load current                                                    | 20 A      |
| Nominal current $I_N$                                                   | 20 A      |
| Nominal voltage $U_N$                                                   | 320 V     |
| Open side panel                                                         | No        |
| Relative insulation material temperature index (Elec., UL 746 B)        | 130 °C    |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C    |
| Static insulating material application in cold                          | -60 °C    |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method                                                                       | Screw connection     |
| Connection in acc. with standard                                                        | IEC 61984            |
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 10                   |
| Conductor cross section flexible min.                                                   | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible max.                                                   | 6 mm <sup>2</sup>    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.14 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.                 | 0.14 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.14 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, 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>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| Stripping length                                                                        | 9 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |

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### Technical data

#### Connection data

|                        |        |
|------------------------|--------|
| Tightening torque, min | 0.6 Nm |
| Tightening torque max  | 0.8 Nm |

#### Standards and Regulations

|                                        |           |
|----------------------------------------|-----------|
| Connection in acc. with standard       | CSA       |
|                                        | IEC 61984 |
| Flammability rating according to UL 94 | V0        |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27141190 |
| eCl@ss 7.0 | 27141190 |
| eCl@ss 8.0 | 27141151 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC000448 |
| ETIM 5.0 | EC002021 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

### Approvals

#### Approvals

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#### Approvals

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

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## Short-circuit connector - UPCT 4/3 - 3057458

### Approvals

Ex Approvals

Approvals submitted

### Approval details

| UL Recognized  |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                 | B     | D     |
| mm²/AWG/kcmil                                                                                   | 26-10 | 26-12 |
| Nominal current I <sub>N</sub>                                                                  | 25 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V | 300 V |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | D     |
| mm²/AWG/kcmil                                                                                      | 26-10 | 26-12 |
| Nominal current I <sub>N</sub>                                                                     | 25 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |

| CSA  |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|
|                                                                                         | B     | D     |
| mm²/AWG/kcmil                                                                           | 26-10 | 26-10 |
| Nominal current I <sub>N</sub>                                                          | 25 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                          | 300 V | 300 V |

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

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

### Drawings

## Short-circuit connector - UPCT 4/3 - 3057458

Circuit diagram

