

Europe connectors - EC 2,5 P TR - 3240167

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Polyamide Europe terminal strip, transparent, with wire protection, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 0.5 to 2.5 mm²

Product Features

- High-quality metal parts with corrosion-resistant surfaces
- Secure fixing in housing
- Insulating housing made from halogen-free polyamide
- Particularly suitable for fine-strand conductors, including those without ferrules

Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 20.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Austria |

Technical data

General

| | |
|--|---|
| Number of positions | 12 |
| Number of levels | 1 |
| Number of connections | 24 |
| Nominal cross section | 2.5 mm ² |
| Color | transparent |
| Insulating material | PA |
| Flammability rating according to UL 94 | V2 |
| Ambient temperature (operation) | 110 °C |
| Maximum load current | 24 A (with a 2.5 mm ² conductor cross section) |
| Nominal current I _N | 24 A (with a 2.5 mm ² conductor cross section) |
| Nominal voltage U _N | 450 V |

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Technical data

Dimensions

| | |
|--------|----------|
| Width | 16.2 mm |
| Length | 93.6 mm |
| Height | 13.4 mm |
| Depth | 16.20 mm |

Connection data

| | |
|---|----------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 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. | 1 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Stripping length | 5 mm |
| Screw thread | M2,6 |
| Tightening torque, min | 0.4 Nm |
| Tightening torque max | 0.5 Nm |

Standards and Regulations

| | |
|--|-----|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V2 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141106 |
|------------|----------|

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.1 | 27141106 |
| eCl@ss 5.0 | 27141106 |
| eCl@ss 5.1 | 27141106 |
| eCl@ss 6.0 | 27141106 |
| eCl@ss 7.0 | 27141106 |
| eCl@ss 8.0 | 27141106 |
| eCl@ss 9.0 | 27141106 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001284 |
| ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC001284 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30212109 |
| UNSPSC 7.0901 | 27121703 |
| UNSPSC 11 | 27121703 |
| UNSPSC 12.01 | 27121703 |
| UNSPSC 13.2 | 27121703 |

Approvals

Approvals

Approvals

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


Ex Approvals


Approvals submitted

Approval details

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Approvals

| | | | |
|---|-------|-------|-------|
| UL Recognized  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 22-12 | 22-12 | 22-12 |
| Nominal current I _N | 20 A | 20 A | 20 A |
| Nominal voltage U _N | 300 V | 300 V | 300 V |

| | | | |
|--|-------|-------|-------|
| cUL Recognized  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 22-12 | 22-12 | 22-12 |
| Nominal current I _N | 20 A | 20 A | 20 A |
| Nominal voltage U _N | 300 V | 300 V | 300 V |

EAC

EAC

cULus Recognized 