

Europe connectors - EC 16 - 3240179

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Polypropylene Europe terminal strip, white, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 1.5 to 16 mm²

Your advantages

- ✓ The polypropylene insulating housing enables individual positions to be disconnected simply by twisting and without the need for tools
- ✓ The high-quality metal parts, which feature corrosion-resistant surfaces, are fixed securely in the housing
- ✓ The prismatic clamping part facilitates conductor entry and reliable contact can be established even for conductors without ferrules

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 046356 457842 |
| GTIN | 4046356457842 |
| Weight per Piece (excluding packing) | 74.190 g |
| Custom tariff number | 85369010 |
| Country of origin | Austria |
| Note | Made to Order (non-returnable) |

Technical data

General

| | |
|--|--------------------|
| Number of positions | 12 |
| Number of levels | 1 |
| Number of connections | 24 |
| Nominal cross section | 16 mm ² |
| Color | white |
| Insulating material | PP |
| Flammability rating according to UL 94 | - |
| Ambient temperature (operation) | -40 °C ... 80 °C |

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Technical data

General

| | |
|--------------------------------|--|
| Maximum load current | 76 A (with 16 mm ² conductor cross section) |
| Nominal current I _N | 76 A (with 16 mm ² conductor cross section) |
| Nominal voltage U _N | 450 V |
| Open side panel | No |

Dimensions

| | |
|--------------------|----------|
| Width | 20.7 mm |
| Length | 174.5 mm |
| Height | 25 mm |
| Depth | 20.7 mm |
| Drill hole spacing | 15 mm |
| Pitch | 15 mm |

Connection data

| | |
|---|---------------------|
| Connection method | Screw connection |
| Conductor cross section solid min. | 1.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section AWG min. | 14 |
| Conductor cross section AWG max. | 6 |
| Conductor cross section flexible min. | 2.5 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Min. AWG conductor cross section, flexible | 14 |
| Max. AWG conductor cross section, flexible | 6 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, solid min. | 2.5 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| 2 conductors with same cross section, stranded min. | 2.5 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 mm ² |
| Stripping length | 8 mm |
| Screw thread | M4 |
| Tightening torque, min | 1.2 Nm |
| Tightening torque max | 1.5 Nm |

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Technical data

Standards and Regulations

| | |
|--|---|
| Flammability rating according to UL 94 | - |
|--|---|

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141106 |
| eCl@ss 4.1 | 27141106 |
| eCl@ss 5.0 | 27141106 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141106 |
| eCl@ss 8.0 | 27141106 |
| eCl@ss 9.0 | 27141106 |

ETIM

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|----------|----------|
| ETIM 3.0 | EC001284 |
| ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC001284 |
| ETIM 6.0 | EC001284 |

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 30212109 |
| UNSPSC 7.0901 | 27121703 |
| UNSPSC 11 | 27121703 |
| UNSPSC 12.01 | 27121703 |
| UNSPSC 13.2 | 39121409 |

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

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Approvals

Approval details

| | | |
|-----|---|---------------------|
| EAC |  | 7500651.22.01.00246 |
|-----|---|---------------------|

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|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|