

Europe connectors - EC 25 BK - 3240184

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Polypropylene Europe terminal strip, black, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 10 to 25 mm²

Your advantages

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

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 046356 457880 |
| GTIN | 4046356457880 |

Technical data

General

| | |
|--|---|
| Number of positions | 12 |
| Number of levels | 1 |
| Number of connections | 24 |
| Nominal cross section | 25 mm ² |
| Color | black |
| Insulating material | PP |
| Flammability rating according to UL 94 | - |
| Maximum load current | 101 A (with 25 mm ² conductor cross section) |
| Nominal current I _N | 101 A (with 25 mm ² conductor cross section) |
| Nominal voltage U _N | 750 V |
| Open side panel | No |
| Ambient temperature (operation) | -40 °C ... 80 °C |

Dimensions

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Technical data

Dimensions

| | |
|--------------------|----------|
| Width | 30 mm |
| Length | 187.3 mm |
| Height | 28 mm |
| Depth | 30 mm |
| Drill hole spacing | 16 mm |
| Pitch | 16 mm |

Connection data

| | |
|--|---------------------|
| Connection method | Screw connection |
| Screw thread | M5 |
| Stripping length | 9 mm |
| Tightening torque, min | 2 Nm |
| Tightening torque max | 3 Nm |
| Conductor cross section solid min. | 10 mm ² |
| Conductor cross section solid max. | 25 mm ² |
| Conductor cross section AWG min. | 8 |
| Conductor cross section AWG max. | 4 |
| Conductor cross section flexible min. | 10 mm ² |
| Conductor cross section flexible max. | 25 mm ² |
| Min. AWG conductor cross section, flexible | 8 |
| Max. AWG conductor cross section, flexible | 4 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 4 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, solid min. | 4 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 4 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum | 1.5 mm ² |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum | 6 mm ² |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum | 2.5 mm ² |
| Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum | 4 mm ² |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

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Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141106 |
| eCl@ss 4.0 | 27141100 |
| eCl@ss 4.1 | 27141100 |
| eCl@ss 5.0 | 27141100 |
| 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

| | |
|----------|----------|
| ETIM 3.0 | EC001284 |
| ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC001284 |
| ETIM 6.0 | EC001284 |
| ETIM 7.0 | EC001284 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30212109 |
| UNSPSC 7.0901 | 27121703 |
| UNSPSC 11 | 27121703 |
| UNSPSC 12.01 | 27121703 |
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 39121409 |
| UNSPSC 19.0 | 39121409 |
| UNSPSC 20.0 | 39121409 |
| UNSPSC 21.0 | 39121409 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



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DE.BL08.B.00534

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