

Europe connectors - EC 6 BK - 3240173

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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 0.75 to 6 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

Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 10 pc |
| GTIN | |
| GTIN | 4046356457804 |

Technical data

General

| | |
|----------------------------------------|-------------------------------------------------------|
| Number of positions | 12 |
| Number of levels | 1 |
| Number of connections | 24 |
| Nominal cross section | 6 mm ² |
| Color | black |
| Insulating material | PP |
| Flammability rating according to UL 94 | - |
| Ambient temperature (operation) | -40 °C ... 80 °C |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| Nominal current I _N | 41 A (with 6 mm ² conductor cross section) |
| Nominal voltage U _N | 450 V (Only use up to 250 V without securing.) |
| Open side panel | No |

Dimensions

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Technical data

Dimensions

| | |
|--------------------|----------|
| Width | 18.9 mm |
| Length | 116.5 mm |
| Height | 14.9 mm |
| Depth | 18.9 mm |
| Drill hole spacing | 10 mm |
| Pitch | 10 mm |

Connection data

| | |
|-----------------------------------------------------------------------------------------|----------------------|
| Connection method | Screw connection |
| Screw thread | M3 |
| Stripping length | 6 mm |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |
| Conductor cross section solid min. | 0.75 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible min. | 0.75 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Min. AWG conductor cross section, flexible | 18 |
| Max. AWG conductor cross section, flexible | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| 2 conductors with same cross section, solid min. | 0.75 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |

Standards and Regulations

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

Environmental Product Compliance

| | |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---------------------------------------------------------|

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Environmental Product Compliance

| | |
|--|------------------------------------------------|
| | No hazardous substances above threshold values |
|--|------------------------------------------------|

Approvals

Approvals


Approvals

EAC / EAC

Ex Approvals

Approval details

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

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