

## Europe connectors - EC 10 BK - 3240177

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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 1 to 10 mm<sup>2</sup>

### 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	4046356457828

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	10 mm <sup>2</sup>
Color	black
Insulating material	PP
Flammability rating according to UL 94	-
Maximum load current	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V (Only use up to 250 V without securing.)
Open side panel	No
Ambient temperature (operation)	-40 °C ... 80 °C

#### Dimensions

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## Technical data

### Dimensions

Width	17.3 mm
Length	133.8 mm
Height	23.4 mm
Depth	17.3 mm
Drill hole spacing	11.5 mm
Pitch	11.5 mm

### Connection data

Connection method	Screw connection
Screw thread	M3,5
Stripping length	7 mm
Tightening torque, min	0.8 Nm
Tightening torque max	1 Nm
Conductor cross section solid min.	1 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	16
Conductor cross section AWG max.	8
Conductor cross section flexible min.	1 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 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.	1 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1.5 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm <sup>2</sup>

### Standards and Regulations

Flammability rating according to UL 94	-
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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## Technical data

### Environmental Product Compliance

	No hazardous substances above threshold values
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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

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Approvals

EAC

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## Europe connectors - EC 10 BK - 3240177

### Approvals

Ex Approvals

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#### Approval details

EAC



RU C-  
DE.BL08.B.00534

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