

## Europe connectors - EC 4 BK - 3240169

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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 0.5 to 4 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 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

### Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4046356457057

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	4 mm <sup>2</sup>
Color	black
Insulating material	PP
Flammability rating according to UL 94	-
Maximum load current	32 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A (with 4 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	16.6 mm
Length	94.9 mm
Height	13 mm
Depth	16.6 mm
Drill hole spacing	8.1 mm
Pitch	8.1 mm

### Connection data

Connection method	Screw connection
Screw thread	M2,6
Stripping length	5 mm
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	0.5 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
	No hazardous substances above threshold values

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27141106
eCl@ss 4.0	27141100

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#### eCl@ss

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 / EAC

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Ex Approvals

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#### Approval details

EAC		EAC-Zulassung
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### Approvals

EAC



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