

# EC 4 BK - Europe connectors



3240169

<https://www.phoenixcontact.com/us/products/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>

## Commercial data

Item number	3240169
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7321
GTIN	4046356457057
Weight per piece (including packing)	17.85 g
Weight per piece (excluding packing)	17.85 g
Customs tariff number	85369010
Country of origin	AT

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## Technical data

### Product properties

Product type	Europe connector
Number of positions	12
Pitch	8.1 mm
Number of connections	24
Number of rows	1

### Electrical properties

Maximum power dissipation for nominal condition	1.02 W
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### Connection data

Nominal cross section	4 mm <sup>2</sup>
Connection method	Screw connection
Screw thread	M2,6
Tightening torque	0.4 ... 0.5 Nm
Stripping length	5 mm
Conductor cross-section rigid	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
2 conductors with same cross section, flexible	1 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup>
Nominal cross section	4 mm <sup>2</sup>
Nominal current	32 A (with 4 mm <sup>2</sup> conductor cross-section)
Maximum load current	32 A (with 4 mm <sup>2</sup> conductor cross-section)
Nominal voltage	450 V (Only use up to 250 V without securing.)

### Dimensions

Width	16.6 mm
Height	13 mm
Depth	16.6 mm
Drill hole spacing	8.1 mm
Pitch	8.1 mm

### Material specifications

Color	black
Flammability rating according to UL 94	-
Insulating material	PP

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## Mechanical properties

### Mechanical data

Open side panel	No
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### Technical data

Drill hole spacing	8.1 mm
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## Mounting

Mounting type	direct screw connection
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## Classifications

### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.035 kg CO2e
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