

# EC 25 BK - Europe connectors



3240184

<https://www.phoenixcontact.com/us/products/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 mm<sup>2</sup>

## Commercial data

Item number	3240184
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7321
GTIN	4046356457880
Weight per piece (including packing)	113.38 g
Weight per piece (excluding packing)	109.86 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	16 mm
Number of connections	24
Number of rows	1

### Electrical properties

Maximum power dissipation for nominal condition	3.26 W
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### Connection data

Nominal cross section	25 mm <sup>2</sup>
Connection method	Screw connection
Screw thread	M5
Tightening torque	2 ... 3 Nm
Stripping length	9 mm
Conductor cross-section rigid	10 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Cross section AWG	8 ... 4 (converted acc. to IEC)
Conductor cross-section flexible	10 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	8 ... 4 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	4 mm <sup>2</sup> ... 10 mm <sup>2</sup>
2 conductors with same cross section, rigid	4 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, flexible	4 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	2.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Nominal cross section	25 mm <sup>2</sup>
Nominal current	101 A (with 25 mm <sup>2</sup> conductor cross-section)
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross-section)
Nominal voltage	750 V

### Dimensions

Width	30 mm
Height	28 mm
Depth	30 mm
Drill hole spacing	16 mm
Pitch	16 mm

### Material specifications

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

## Mechanical properties

### Mechanical data

Open side panel	No
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### Technical data

Drill hole spacing	16 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
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	98c2346f-4b52-40a1-acaf-e175749a068a

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