

## Europe connectors - EC 25 BK - 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>

### 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

RoHS

### Key Commercial Data

Packing unit	10 pc
GTIN	 4 046356 457880
GTIN	4046356457880

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	25 mm <sup>2</sup>
Color	black
Insulating material	PP
Flammability rating according to UL 94	-
Ambient temperature (operation)	-40 °C ... 80 °C
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	750 V
Open side panel	No

#### Dimensions

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## Technical data

### Dimensions

Width	30 mm
Length	187.3 mm
Height	28 mm
Depth	30 mm
Drill hole spacing	16 mm
Pitch	16 mm

### Connection data

Connection method	Screw connection
Screw thread	M5
Stripping length	9 mm
Tightening torque, min	2 Nm
Tightening torque max	3 Nm
Conductor cross section solid min.	10 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG min.	8
Conductor cross section AWG max.	4
Conductor cross section flexible min.	10 mm <sup>2</sup>
Conductor cross section flexible max.	25 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, solid min.	4 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm <sup>2</sup>

### Standards and Regulations

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

	Lead 7439-92-1
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## Europe connectors - EC 25 BK - 3240184

### Approvals

#### Approvals

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#### Approvals

#### EAC

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#### Ex Approvals

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#### Approval details

EAC		7500651.22.01.00246
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