

Europe connectors - EC 4 BK - 3240169

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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 mm²

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
Minimum order quantity	10 pc
GTIN	 4 046356 457057
GTIN	4046356457057
Weight per Piece (excluding packing)	17.850 g
Custom tariff number	85369010
Country of origin	Austria

Technical data

General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	4 mm ²
Color	black
Insulating material	PP
Flammability rating according to UL 94	-
Ambient temperature (operation)	-40 °C ... 80 °C
Maximum load current	32 A (with 4 mm ² conductor cross section)

Europe connectors - EC 4 BK - 3240169

Technical data

General

Nominal current I_N	32 A (with 4 mm ² conductor cross section)
Nominal voltage U_N	450 V (Only use up to 250 V without securing.)
Open side panel	No

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
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	4 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded max.	1 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Stripping length	5 mm
Screw thread	M2,6
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Standards and Regulations

Flammability rating according to UL 94	-
--	---

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Europe connectors - EC 4 BK - 3240169

Classifications

eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106
eCl@ss 5.0	27141106
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

UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		7500651.22.01.00246
-----	---	---------------------

EAC		EAC-Zulassung
-----	---	---------------

