

EC 4 BK - Europe connectors

3240169

<https://www.phoenixcontact.com/sg/products/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 documentation. Our general terms of use for downloads are valid.



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

Commercial data

Item number	3240169
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	BE7321
Catalog page	Page 558 (C-3-2019)
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

EC 4 BK - Europe connectors



3240169

<https://www.phoenixcontact.com/sg/products/3240169>

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
---	--------

Connection data

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

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

EC 4 BK - Europe connectors



3240169

<https://www.phoenixcontact.com/sg/products/3240169>

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Technical data

Drill hole spacing	8.1 mm
--------------------	--------

Mounting

Mounting type	direct screw connection
---------------	-------------------------

EC 4 BK - Europe connectors



3240169

<https://www.phoenixcontact.com/sg/products/3240169>

Classifications

ECLASS

ECLASS-11.0

27141106

ETIM

ETIM 8.0

EC001284

UNSPSC

UNSPSC 21.0

39121400

EC 4 BK - Europe connectors



3240169

<https://www.phoenixcontact.com/sg/products/3240169>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg