

Europe connectors - EC 25 BK - 3240184

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 10 to 25 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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 457880
GTIN	4046356457880
Weight per Piece (excluding packing)	109.860 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	25 mm ²
Color	black
Insulating material	PP

Europe connectors - EC 25 BK - 3240184

Technical data

General

Flammability rating according to UL 94	-
Maximum load current	101 A (with 25 mm ² conductor cross section)
Nominal current I _N	101 A (with 25 mm ² conductor cross section)
Nominal voltage U _N	750 V
Open side panel	No
Ambient temperature (operation)	-40 °C ... 80 °C

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 ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	8
Conductor cross section AWG max.	4
Conductor cross section flexible min.	10 mm ²
Conductor cross section flexible max.	25 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, solid min.	4 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	4 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	1.5 mm ²

Europe connectors - EC 25 BK - 3240184

Technical data

Connection data

Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	2.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	4 mm ²

Standards and Regulations

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Classifications

eCl@ss

eCl@ss 10.0.1	27141106
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
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
ETIM 7.0	EC001284

UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409

Europe connectors - EC 25 BK - 3240184

Classifications

UNSPSC

UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00534
-----	---	--------------------------
