

Europe connectors - EC 10 - 3240176

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, white, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 1 to 10 mm²

Product Features

- ✓ The polypropylene insulating housing enables individual positions to be disconnected simply by twisting and without the need for tools
- ✓ The high-quality metal parts, which feature corrosion-resistant surfaces, are fixed securely in the housing
- ✓ The prismatic clamping part facilitates conductor entry and reliable contact can be established even for conductors without ferrules

Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	43.1 GRM
Custom tariff number	85369010
Country of origin	Austria

Technical data

General

Number of levels	1
Number of connections	24
Color	white
Insulating material	PP
Inflammability class according to UL 94	-
Maximum load current (lower level)	57 A (with 10 mm ² conductor cross section)
Nominal current I _N (lower level)	57 A (with 10 mm ² conductor cross section)
Nominal voltage U _N	450 V
Maximum load current (upper level)	57 A (with 10 mm ² conductor cross section)
Number of positions	12

Dimensions

Width	17.3 mm
-------	---------

Europe connectors - EC 10 - 3240176

Technical data

Dimensions

Length	133.8 mm
Height	23.4 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG/kcmil min.	16
Conductor cross section AWG/kcmil max	8
Conductor cross section stranded min.	1 mm ²
Conductor cross section stranded max.	10 mm ²
Min. AWG conductor cross section, stranded	16
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	1 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Stripping length	7 mm
Screw thread	M3,5
Tightening torque, min	0.8 Nm
Tightening torque max	1 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106

Europe connectors - EC 10 - 3240176

Classifications

eCl@ss

eCl@ss 5.0	27141106
eCl@ss 5.1	27141106
eCl@ss 6.0	27141106
eCl@ss 7.0	27141106
eCl@ss 8.0	27141106

ETIM

ETIM 3.0	EC001284
ETIM 4.0	EC001284
ETIM 5.0	EC001284

UNSPSC

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

Approvals

Approvals


Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 
--

