

# EC 10 TR - Europe connectors

3240178

<https://www.phoenixcontact.com/us/products/3240178>

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.



Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 1 to 10 mm<sup>2</sup>

## Commercial data

Item number	3240178
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7321
GTIN	4046356457835
Weight per piece (including packing)	44.48 g
Weight per piece (excluding packing)	44.48 g
Customs tariff number	85369010
Country of origin	AT

## Technical data

### Product properties

Product type	Europe connector
Number of positions	12
Pitch	11.5 mm
Number of connections	24
Number of rows	1

### Electrical properties

Maximum power dissipation for nominal condition	1.82 W
---	--------

### Connection data

Nominal cross section	10 mm <sup>2</sup>
Connection method	Screw connection
Screw thread	M3,5
Tightening torque	0.8 ... 1 Nm
Stripping length	7 mm
Conductor cross-section rigid	1 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	16 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	1 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	16 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal cross section	10 mm <sup>2</sup>
Nominal current	57 A (with 10 mm <sup>2</sup> conductor cross-section)
Maximum load current	57 A (with 10 mm <sup>2</sup> conductor cross-section)
Nominal voltage	450 V (Only use up to 250 V without securing.)

### Dimensions

Width	22.2 mm
Height	17.3 mm
Depth	22.2 mm
Drill hole spacing	11.5 mm
Pitch	11.5 mm

### Material specifications

Color	transparent
Flammability rating according to UL 94	V2

# EC 10 TR - Europe connectors



3240178

<https://www.phoenixcontact.com/us/products/3240178>

Insulating material	PA
---------------------	----

## Mechanical properties

### Mechanical data

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

### Technical data

Drill hole spacing	11.5 mm
--------------------	---------

## Mounting

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

# EC 10 TR - Europe connectors

3240178

<https://www.phoenixcontact.com/us/products/3240178>



## Classifications

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# EC 10 TR - Europe connectors



3240178

<https://www.phoenixcontact.com/us/products/3240178>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	d9e3747c-1ff8-4b50-9de4-fbb0a312592e

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)