

EC 6 P TR - Europe connectors



3240175

<https://www.phoenixcontact.com/in/products/3240175>

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, with wire protection, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 1 to 6 mm²

Commercial Data

Item number	3240175
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to Order (non-returnable)
Sales Key	BE7
Product Key	BE7322
Catalog Page	Page 557 (C-3-2019)
GTIN	4046356457927
Weight per Piece (including packing)	45.69 g
Weight per Piece (excluding packing)	45.69 g
Customs tariff number	85369010
Country of origin	AT

Technical Data

Product properties

Product type	Europe connector
Number of positions	12
Pitch	10 mm
Number of connections	24
Number of rows	1

Electrical properties

Maximum power dissipation for nominal condition	1.31 W
---	--------

Connection data

Nominal cross section	6 mm ²
Screw thread	M3,5
Tightening torque	0.8 ... 1 Nm
Stripping length	7 mm
Conductor cross section rigid	1 mm ² ... 6 mm ²
Cross section AWG	16 ... 10 (converted acc. to IEC)
Conductor cross section flexible	1 mm ² ... 6 mm ²
Conductor cross section, flexible [AWG]	16 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.75 mm ² ... 4 mm ²
2 conductors with same cross section, solid	0.75 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal current	41 A (with 6 mm ² conductor cross section)
Maximum load current	41 A (with 6 mm ² conductor cross section)
Nominal voltage	450 V (Only use up to 250 V without securing.)
Nominal cross section	6 mm ²

Dimensions

Width	22.2 mm
Height	17.3 mm
Depth	22.2 mm
Length	132.7 mm
Drill hole spacing	10 mm
Pitch	10 mm

Material specifications

Color	transparent
-------	-------------

EC 6 P TR - Europe connectors



3240175

<https://www.phoenixcontact.com/in/products/3240175>

Flammability rating according to UL 94	V2
Insulating material	PA

Mechanical properties

Mechanical data

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

Technical data

Drill hole spacing	10 mm
--------------------	-------

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 110 °C
---------------------------------	-------------------

Mounting

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


EC 6 P TR - Europe connectors





3240175

<https://www.phoenixcontact.com/in/products/3240175>

Approvals

 cUL Recognized Approval ID: FILE E 60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	300 V	50 A	14 - 8	-
	300 V	50 A	14 - 8	-
	300 V	50 A	14 - 8	-

 UL Recognized Approval ID: FILE E 60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	300 V	50 A	14 - 8	-
	300 V	50 A	14 - 8	-
	300 V	50 A	14 - 8	-

 EAC Approval ID: RU C-DE.BL08.B.00534	
---	--

EC 6 P TR - Europe connectors



3240175

<https://www.phoenixcontact.com/in/products/3240175>

Classifications

ECLASS

ECLASS-11.0

27141106

ETIM

ETIM 8.0

EC001284

UNSPSC

UNSPSC 21.0

39121400

EC 6 P TR - Europe connectors

3240175

<https://www.phoenixcontact.com/in/products/3240175>



Environmental Product Compliance

REACH SVHC

Lead 7439-92-1

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in