



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE. [HERE](#)

Europe connectors - EC 6 P TR - 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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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

Why buy this product

- High-quality metal parts with corrosion-resistant surfaces
- Secure fixing in housing
- Particularly suitable for fine-strand conductors, including those without ferrules
- Insulating housing made from halogen-free polyamide

Key Commercial Data

Packing unit	10 STK
GTIN	 4 046356 457927

Technical data

General

Number of levels	1
Number of connections	24
Nominal cross section	6 mm ²
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	110 °C
Maximum load current	41 A (with 6 mm ² conductor cross section)
Nominal current I _N	41 A (with 6 mm ² conductor cross section)
Nominal voltage U _N	450 V
Number of positions	12

Dimensions

Width	22.2 mm
Length	132.7 mm
Height	17.3 mm
Depth	22.20 mm

Europe connectors - EC 6 P TR - 3240175

Technical data

Connection data

Connection method	Screw connection
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	10
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	16
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.75 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.75 mm ²
2 conductors with same cross section, stranded max.	1.5 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 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

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V2

Classifications

eCl@ss

eCl@ss 4.0	27141106
eCl@ss 4.1	27141106
eCl@ss 5.0	27141106
eCl@ss 5.1	27141106
eCl@ss 6.0	27141106

Europe connectors - EC 6 P TR - 3240175

Classifications

eCl@ss

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

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	14-8	14-8	14-8
Nominal current I _N	50 A	50 A	50 A
Nominal voltage U _N	300 V	300 V	300 V

Europe connectors - EC 6 P TR - 3240175

Approvals

cUL Recognized 			
	B	C	D
mm ² /AWG/kcmil	14-8	14-8	14-8
Nominal current I _N	50 A	50 A	50 A
Nominal voltage U _N	300 V	300 V	300 V

EAC

EAC

cULus Recognized 
--

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
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 mm ²	3240175	EC 6 P TR	Buy on EAN