

Europe connectors - EC 6 P TR - 3240175

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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

Product Features

- 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	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	45.69 g
Custom tariff number	85369010
Country of origin	Austria

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)

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Technical data

General

Nominal voltage U_N	450 V
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Dimensions

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

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

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Technical data

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
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

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


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Approvals

Approvals submitted

Approval details

UL 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

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 
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