

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

Your advantages

- 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 pc
GTIN	 4 046356 457927
GTIN	4046356457927

Technical data

General

Number of positions	12
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
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 (Only use up to 250 V without securing.)
Open side panel	No
Ambient temperature (operation)	-40 °C ... 110 °C

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Technical data

Dimensions

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

Connection data

Connection method	Screw connection
Screw thread	M3,5
Stripping length	7 mm
Tightening torque, min	0.8 Nm
Tightening torque max	1 Nm
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
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1.5 mm ²

Standards and Regulations

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

Environmental Product Compliance

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Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Classifications

eCl@ss

eCl@ss 10.0.1	27141106
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
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
ETIM 6.0	EC001284
ETIM 7.0	EC001284

UNSPSC

UNSPSC 6.01	30212109
UNSPSC 7.0901	27121703
UNSPSC 11	27121703
UNSPSC 12.01	27121703
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

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Approvals

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	50 A	50 A	50 A
mm ² /AWG/kcmil	14-8	14-8	14-8

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	50 A	50 A	50 A
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EAC		RU C- DE.BL08.B.00534
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cULus Recognized	
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