

## Europe connectors - EC 4 P TR - 3240171

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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 0.75 to 4 mm<sup>2</sup>

### 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	
GTIN	4046356457910

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	4 mm <sup>2</sup>
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	-40 °C ... 110 °C
Maximum load current	32 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	32 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V (Only use secured in place.)
Open side panel	No

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### Technical data

#### Dimensions

Width	18.6 mm
Length	117 mm
Height	15 mm
Depth	18.6 mm
Drill hole spacing	10 mm
Pitch	10 mm

#### Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
Stripping length	6 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

#### 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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## Approvals


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

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	D	B	C
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	30 A	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	20-10	20-10	20-10

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
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EAC		EAC-Zulassung
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EAC		7500651.22.01.00246
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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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