

## Europe connectors - EC 2,5 P TR - 3240167

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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 0.5 to 2.5 mm<sup>2</sup>

### Your advantages

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

### Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4046356457903

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	2.5 mm <sup>2</sup>
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Maximum load current	24 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	24 A (with a 2.5 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V (Only use secured in place.)
Open side panel	No
Ambient temperature (operation)	-40 °C ... 110 °C

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## Technical data

### Dimensions

Width	16.2 mm
Length	93.6 mm
Height	13.4 mm
Depth	16.2 mm
Drill hole spacing	8 mm
Pitch	8 mm

### Connection data

Connection method	Screw connection
Screw thread	M2,6
Stripping length	5 mm
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	14
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14
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.	1.5 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.	1 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	0.5 mm <sup>2</sup>

### Standards and Regulations

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Classifications

eCl@ss

eCl@ss 10.0.1	27141106
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### Classifications

#### eCl@ss

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

#### Approvals

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##### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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##### Ex Approvals

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#### Approval details

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### Approvals

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
	B	C	D
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	20 A	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	22-12	22-12	22-12

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		RU C- DE.BL08.B.00534
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cULus Recognized	
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