

## Europe connectors - EC 6 TR - 3240174

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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 0.75 to 6 mm<sup>2</sup>

RoHS

### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
Weight per Piece (excluding packing)	28.000 g
Custom tariff number	85369010
Country of origin	Austria

### Technical data

#### General

Number of positions	12
Number of levels	1
Number of connections	24
Nominal cross section	6 mm <sup>2</sup>
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 <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V

#### Dimensions

Width	18.6 mm
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### Technical data

#### Dimensions

Length	117 mm
Height	15 mm
Depth	18.6 mm

#### Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	10
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, 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

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### 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


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UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals


#### Approval details

UL Recognized  <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> FILE E 60425			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-10	20-10	20-10


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### Approvals

	B	C	D
Nominal current IN	30 A	30 A	30 A
Nominal voltage UN	300 V	300 V	300 V

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mm <sup>2</sup> /AWG/kcmil	20-10	20-10	20-10
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