

Europe connectors - EC 16 TR - 3240181

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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 6 to 16 mm²

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
Weight per Piece (excluding packing)	82.140 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	16 mm ²
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	110 °C
Maximum load current	76 A (with 16 mm ² conductor cross section)
Nominal current I _N	76 A (with 16 mm ² conductor cross section)
Nominal voltage U _N	450 V

Dimensions

Width	25.2 mm
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Technical data

Dimensions

Length	173.9 mm
Height	20.8 mm
Depth	25.2 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG max.	6
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	16 mm ²
Min. AWG conductor cross section, flexible	14
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
Stripping length	8 mm
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 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  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 60425			
	B	C	D
mm²/AWG/kcmil	10-6	10-6	10-6

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Approvals

	B	C	D
Nominal current I _N	55 A	55 A	55 A
Nominal voltage U _N	300 V	300 V	300 V

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	B	C	D
mm ² /AWG/kcmil	10-6	10-6	10-6
Nominal current I _N	55 A	55 A	55 A
Nominal voltage U _N	300 V	300 V	300 V

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