Europe connectors - EC 16 P TR - 3240182

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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 6 to 16 mm²

Product Features

- 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	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	83.59 GRM
Custom tariff number	85369010
Country of origin	Austria

Technical data

General

Number of levels	1
Number of connections	24
Color	transparent
Insulating material	PA
Inflammability class according to UL 94	V2
Maximum load current (lower level)	76 A (with 16 mm² conductor cross section)
Nominal current I_N (lower level)	76 A (with 16 mm² conductor cross section)
Nominal voltage U_N	450 V
Maximum load current (upper level)	76 A (with 16 mm² conductor cross section)
Number of positions	12

Dimensions

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Technical data

Dimensions

Width	25.2 mm
Length	173.9 mm
Height	20.8 mm

Connection data

Connection method	Screw connection
Conductor cross section solid min.	6 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded min.	6 mm²
Conductor cross section stranded max.	16 mm²
Min. AWG conductor cross section, stranded	10
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	1.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	2.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
Stripping length	8 mm
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141106

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Classifications

eCl@ss

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

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

Approvals

Approvals

UL Recognized / cUL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C	D
mm²/AWG/kcmil	10-6	10-6	10-6
Nominal current IN	55 A	55 A	55 A
Nominal voltage UN	300 V	300 V	300 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	8-4	8-4	8-4
Nominal current IN	85 A	85 A	85 A
Nominal voltage UN	600 V	600 V	600 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	10-6	10-6	10-6
Nominal current IN	55 A	55 A	55 A
Nominal voltage UN	300 V	300 V	300 V

cULus Recognized

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