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

Your advantages

- 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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 046356 457934
GTIN	4046356457934
Weight per Piece (excluding packing)	83.590 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 mm²
Color	transparent

Europe connectors - EC 16 P TR - 3240182

Technical data

General

Insulating material	PA
Flammability rating according to UL 94	V2
Maximum load current	76 A (with 16 mm² conductor cross section)
Nominal current I_N	76 A (with 16 mm² conductor cross section)
Nominal voltage U_N	450 V
Open side panel	No
Ambient temperature (operation)	-40 °C ... 110 °C

Dimensions

Width	25.2 mm
Length	173.9 mm
Height	20.8 mm
Depth	25.2 mm
Drill hole spacing	15 mm
Pitch	15 mm

Connection data

Connection method	Screw connection
Screw thread	M4
Stripping length	8 mm
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm
Conductor cross section solid min.	6 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section AWG min.	10
Conductor cross section AWG max.	6
Conductor cross section flexible min.	6 mm²
Conductor cross section flexible max.	16 mm²
Min. AWG conductor cross section, flexible	10
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section flexible, 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

Europe connectors - EC 16 P TR - 3240182

Technical data

Connection data

Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	1.5 mm²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	2.5 mm²

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

Classifications

eCl@ss

eCl@ss 10.0.1	27141106
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

Europe connectors - EC 16 P TR - 3240182

Classifications

UNSPSC

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

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EAC / UL Recognized / cUL Recognized / cUL Recognized

Ex Approvals

Approval details

EAC		RU C-DE.BL08.B.00534

UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425

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

cUL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

Europe connectors - EC 16 P TR - 3240182

Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

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