

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	10 pc
GTIN	
GTIN	4046356457866

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
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
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

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Technical data

Dimensions

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.	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
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm ²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	1.5 mm ²
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	2.5 mm ²

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
eCl@ss 4.0	27141100

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Classifications

eCl@ss

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

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

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
mm ² /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
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EAC		RU C- DE.BL08.B.00534
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cULus Recognized	
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