

## 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 mm<sup>2</sup>

### 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 <sup>2</sup>
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Ambient temperature (operation)	-40 °C ... 110 °C
Maximum load current	76 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	76 A (with 16 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V
Open side panel	No

#### 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 <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section AWG min.	14
Conductor cross section AWG max.	6
Conductor cross section flexible min.	2.5 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, solid min.	1.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.75 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	2.5 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	1.5 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	2.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V2

### Environmental Product Compliance

	Lead 7439-92-1
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### Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100

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## Classifications

### eCl@ss

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

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

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## Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	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 <sup>2</sup> /AWG/kcmil	10-6	10-6	10-6

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
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EAC		RU C- DE.BL08.B.00534
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cULus Recognized	
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>