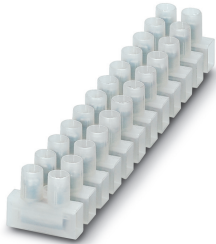


## Europe connectors - EC 6 TR - 3240174

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 0.75 to 6 mm<sup>2</sup>

### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 457781
GTIN	4046356457781
Weight per Piece (excluding packing)	28.000 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	6 mm <sup>2</sup>
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Maximum load current	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	450 V (Only use secured in place.)

## Europe connectors - EC 6 TR - 3240174

### Technical data

#### General

Open side panel	No
-----------------	----

#### Dimensions

Width	18.6 mm
Length	117 mm
Height	15 mm
Depth	18.6 mm
Drill hole spacing	10 mm
Pitch	10 mm

#### Connection data

Connection method	Screw connection
Screw thread	M3
Stripping length	6 mm
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm
Conductor cross section solid min.	0.75 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG min.	18
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.75 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.75 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	0.5 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	1 mm <sup>2</sup>

#### Standards and Regulations

## Europe connectors - EC 6 TR - 3240174

### Technical data

#### 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 11.0	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 9.0	27141106

#### ETIM

ETIM 3.0	EC001284
ETIM 4.0	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

# Europe connectors - EC 6 TR - 3240174

## Approvals

### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

### Ex Approvals

### Approval details

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	30 A	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	20-10	20-10	20-10

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
	B	C	D
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	30 A	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	20-10	20-10	20-10

EAC		RU C- DE.AI30.B.01102
-----	--	--------------------------

EAC		RU C- DE.BL08.B.00534
-----	--	--------------------------

cULus Recognized	
------------------	--

