

## Europe connectors - EC 25 TR - 3240185


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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 10 to 25 mm<sup>2</sup>



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	 4 046356 457897
GTIN	4046356457897
Weight per Piece (excluding packing)	117.440 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	25 mm <sup>2</sup>
Color	transparent
Insulating material	PA
Flammability rating according to UL 94	V2
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	750 V

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### Technical data

#### General

Open side panel	No
Ambient temperature (operation)	-40 °C ... 110 °C

#### Dimensions

Width	30 mm
Length	187.3 mm
Height	28 mm
Depth	30 mm
Drill hole spacing	16 mm
Pitch	16 mm

#### Connection data

Connection method	Screw connection
Screw thread	M5
Stripping length	9 mm
Tightening torque, min	2 Nm
Tightening torque max	3 Nm
Conductor cross section solid min.	10 mm <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section AWG min.	8
Conductor cross section AWG max.	4
Conductor cross section flexible min.	10 mm <sup>2</sup>
Conductor cross section flexible max.	25 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	8
Max. AWG conductor cross section, flexible	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 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.	4 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	1.5 mm <sup>2</sup>
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	6 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, minimum	2.5 mm <sup>2</sup>
Two conductors with the same cross section stranded, with ferrule and without plastic sleeve, maximum	4 mm <sup>2</sup>

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### 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
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### 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
UNSPSC 12.01	27121703
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

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## Approvals

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UL Recognized / cUL Recognized / 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	600 V	600 V	600 V	
Nominal current IN	85 A	85 A	85 A	
mm <sup>2</sup> /AWG/kcmil	8-4	8-4	8-4	

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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