

EC 6 TR - Europe connectors

3240174

<https://www.phoenixcontact.com/us/products/3240174>

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Polyamide Europe terminal strip, transparent, for connecting solid conductors and stranded conductors with ferrules with a cross section of 0.75 to 6 mm²

Commercial data

Item number	3240174
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7321
GTIN	4046356457781
Weight per piece (including packing)	28.65 g
Weight per piece (excluding packing)	28.65 g
Customs tariff number	85369010
Country of origin	AT

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Technical data

Product properties

Product type	Europe connector
Number of positions	12
Pitch	10 mm
Number of connections	24
Number of rows	1

Electrical properties

Maximum power dissipation for nominal condition	1.31 W
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Connection data

Nominal cross section	6 mm ²
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	6 mm
Conductor cross-section rigid	0.75 mm ² ... 6 mm ²
Cross section AWG	18 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.75 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	18 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm ² ... 2.5 mm ²
2 conductors with same cross section, rigid	0.75 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 1 mm ²
Nominal cross section	6 mm ²
Nominal current	41 A (with 6 mm ² conductor cross-section)
Maximum load current	41 A (with 6 mm ² conductor cross-section)
Nominal voltage	450 V (Only use secured in place.)

Dimensions

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

Material specifications

Color	transparent
Flammability rating according to UL 94	V2

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Insulating material	PA
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Mechanical properties

Mechanical data

Open side panel	No
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Technical data

Drill hole spacing	10 mm
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Mounting

Mounting type	direct screw connection
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Classifications

UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2995c890-dcd9-40bc-8341-6bd4edd82a4f

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