

EC 6 P TR - Europe connectors



3240175

<https://www.phoenixcontact.com/us/products/3240175>

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Polyamide Europe terminal strip, transparent, with wire protection, for connecting solid conductors and stranded conductors with and without ferrules with a cross section of 1 to 6 mm²

Commercial data

Item number	3240175
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE73
Product key	BE7322
GTIN	4046356457927
Weight per piece (including packing)	45.69 g
Weight per piece (excluding packing)	45.69 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	M3,5
Tightening torque	0.8 ... 1 Nm
Stripping length	7 mm
Conductor cross-section rigid	1 mm ² ... 6 mm ²
Cross section AWG	16 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	1 mm ² ... 6 mm ²
Conductor cross-section, flexible [AWG]	16 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 4 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm ² ... 4 mm ²
2 conductors with same cross section, rigid	0.75 mm ² ... 2.5 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 1.5 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 up to 250 V without securing.)

Dimensions

Width	22.2 mm
Height	17.3 mm
Depth	22.2 mm
Drill hole spacing	10 mm
Pitch	10 mm

Material specifications

Color	transparent
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Flammability rating according to UL 94	V2
Insulating material	PA

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	db317f51-6201-4765-bf10-4929d2a3e27e

EF3.1 Climate Change

CO2e kg	0.189 kg CO2e
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com