

EC 4 P TR - Europe connectors



3240171

<https://www.phoenixcontact.com/sg/products/3240171>

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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 0.75 to 4 mm²

Commercial data

Item number	3240171
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	BE7322
Catalog page	Page 557 (C-3-2019)
GTIN	4046356457910
Weight per piece (including packing)	29.785 g
Weight per piece (excluding packing)	29.14 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	1.02 W
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Connection data

Nominal cross section	4 mm ²
Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	6 mm
Conductor cross section rigid	0.75 mm ² ... 4 mm ²
Cross section AWG	18 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.75 mm ² ... 4 mm ²
Conductor cross section, flexible [AWG]	18 ... 12 (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, solid	0.75 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 1 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 current	32 A (with 4 mm ² conductor cross section)
Maximum load current	32 A (with 4 mm ² conductor cross section)
Nominal voltage	450 V (Only use secured in place.)
Nominal cross section	4 mm ²

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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3240171>

 cUL Recognized Approval ID: FILE E 60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	300 V	30 A	20 - 10	-
Use group C	300 V	30 A	20 - 10	-
Use group D	300 V	30 A	20 - 10	-

 UL Recognized Approval ID: FILE E 60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	300 V	30 A	20 - 10	-
Use group C	300 V	30 A	20 - 10	-
Use group D	300 V	30 A	20 - 10	-

cULus Recognized

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Classifications

ECLASS

ECLASS-11.0

27141106

ETIM

ETIM 8.0

EC001284

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	4991d8d5-37df-43a2-96e4-3415e66b8f7b

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