

EC 16 P TR - Europe connectors



3240182

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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 6 to 16 mm²

Commercial data

Item number	3240182
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	BE07
Product key	BE7322
Catalog page	Page 557 (C-3-2019)
GTIN	4046356457934
Weight per piece (including packing)	83.59 g
Weight per piece (excluding packing)	83.59 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	15 mm
Number of connections	24
Number of rows	1

Data management status

Article revision	00
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Electrical properties

Maximum power dissipation for nominal condition	2.43 W
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Connection data

Nominal cross section	16 mm ²
Screw thread	M4
Tightening torque	1.2 ... 1.5 Nm
Stripping length	8 mm
Conductor cross section rigid	6 mm ² ... 16 mm ²
Cross section AWG	10 ... 6 (converted acc. to IEC)
Conductor cross section flexible	6 mm ² ... 16 mm ²
Conductor cross section, flexible [AWG]	10 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm ² ... 10 mm ²
2 conductors with same cross section, solid	1.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible	2.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm ² ... 2.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.75 mm ² ... 2.5 mm ²
Nominal current	76 A (with 16 mm ² conductor cross section)
Maximum load current	76 A (with 16 mm ² conductor cross section)
Nominal voltage	450 V
Nominal cross section	16 mm ²

Dimensions

Width	25.2 mm
Height	20.8 mm
Depth	25.2 mm
Drill hole spacing	15 mm
Pitch	15 mm

Material specifications

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Color	transparent
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	15 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/ca/products/3240182>

 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	55 A	-	-
Use group C	300 V	55 A	-	-
Use group D	300 V	55 A	-	-

 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	55 A	10 - 6	-
Use group C	300 V	55 A	10 - 6	-
Use group D	300 V	55 A	10 - 6	-

 EAC Approval ID: RU C-DE.BL08.B.00534				
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 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	600 V	85 A	-	-
Use group C	600 V	85 A	-	-
Use group D	600 V	85 A	-	-

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Classifications

ECLASS

ECLASS-11.0	27141106
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ETIM

ETIM 8.0	EC001284
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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	7e0ee1ab-891d-436a-a3a3-48d2b4f084da