

TRK 10 OG - Transformer terminal block



2703114

<https://www.phoenixcontact.com/us/products/2703114>

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Transformer terminal block, connection method: Screw connection, length: 36.7 mm, width: 18.6 mm, height: 35.1 mm, color: orange

Commercial data

Item number	2703114
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AA18
Product key	AARAAG
GTIN	4017918061074
Weight per piece (including packing)	26.192 g
Weight per piece (excluding packing)	26.066 g
Customs tariff number	85369010
Country of origin	GR

Technical data

Notes

General	For transformers on ships, saltwater-proof DIN rails must be used according to the regulations of Germanic Lloyd. This requirement is fulfilled by all rail designs.
General	When selecting the type of connection on safety transformers in acc. with IEC 742/EN 60742/DIN VDE 0551-1, please observe: - When safety transformers are used as self-contained devices, only screw connections are permitted for the external connections. - When installing safety transformers, the specifications of the respective devices must be observed.

Product properties

Product type	Distributor terminal block
Number of positions	1
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Maximum load current	57 A (with 10 mm ² cross section)
Rated insulation voltage	800 V
Rated surge voltage	8 kV

Connection data

Maximum load current	57 A (with 10 mm ² cross section)
Connection method	Screw connection
Screw thread	M5
Tightening torque	4 ... 4.5 Nm
Stripping length	16 mm
	16 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC / EN
Conductor cross-section rigid	2.5 mm ² ... 10 mm ²
Cross section AWG	14 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	4 mm ² ... 10 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	2.5 mm ² ... 6 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	2.5 mm ² ... 6 mm ²
2 conductors with same cross section, rigid	2.5 mm ² ... 10 mm ²
2 conductors with same cross section, flexible	4 mm ² ... 10 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	2.5 mm ² ... 6 mm ²

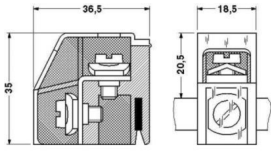
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2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm ² ... 4 mm ²
Nominal current	32 A
Maximum load current	57 A
Nominal voltage	voltage data only possible in conjunction with transformer

Dimensions

Dimensional drawing	
Width	18.6 mm
Height	35.1 mm
Length	36.7 mm

Material specifications

Color (Housing)	orange (RAL 2003)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Standards and regulations

Connection in acc. with standard	IEC / EN
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Mounting

Mounting type	DIN rail
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Packaging specifications

Type of packaging	packed in cardboard
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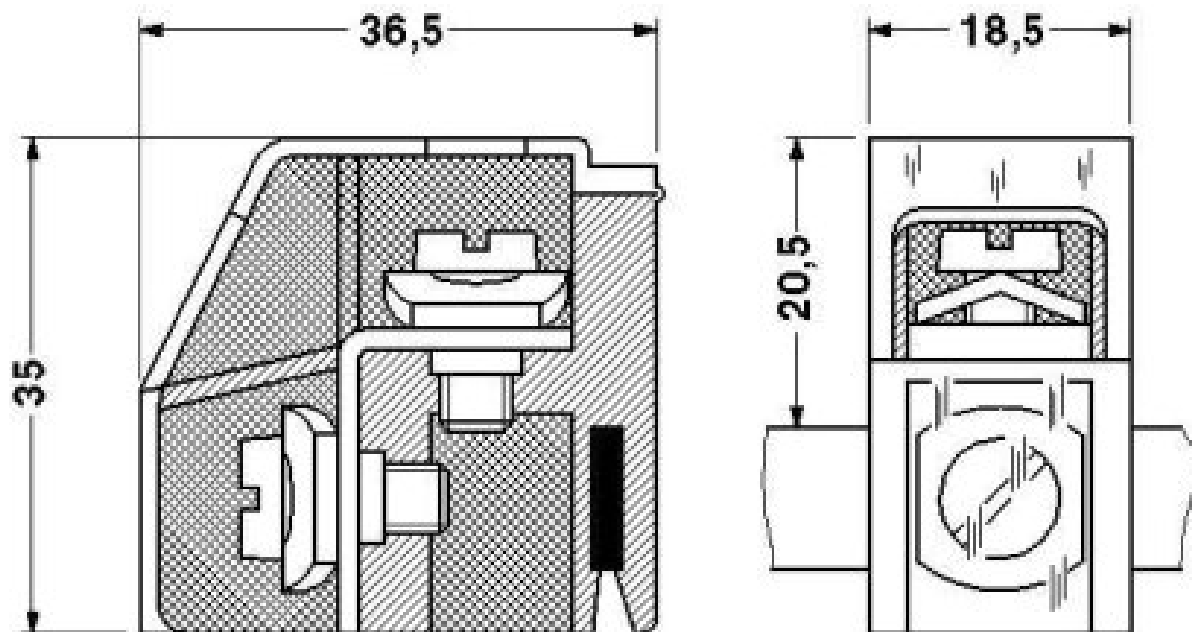
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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2703114>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	600 V	35 A	14 - 8	-
C	600 V	35 A	14 - 8	-

 cUL Recognized Approval ID: FILE E 60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	600 V	55 A	10 - 6	-
C	600 V	55 A	10 - 6	-

 UL Recognized Approval ID: FILE E 60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B	600 V	55 A	10 - 6	-
C	600 V	55 A	10 - 6	-

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Classifications

ECLASS

ECLASS-13.0	27141110
ECLASS-15.0	27141110

UNSPSC

UNSPSC 21.0	39121410
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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