

TRKS 4-FS OG - Transformer terminal block



2702160

<https://www.phoenixcontact.com/us/products/2702160>

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Transformer terminal block, connection method: Screw/Slip-on connection, length: 35 mm, width: 7.5 mm, height: 27.5 mm, color: orange

Commercial data

Item number	2702160
Packing unit	1 pc
Minimum order quantity	50 pc
Sales key	AA18
Product key	AARABC
Catalog page	Page 317 (CL-2002)
GTIN	4017918060572
Weight per piece (including packing)	5.96 g
Weight per piece (excluding packing)	5.848 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	38 A (with 6 mm ² cross section)
Rated insulation voltage	690 V
Rated surge voltage	8 kV

Connection data

Maximum load current	38 A (with 6 mm ² cross section)
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
	8 mm
Internal cylindrical gage	A4
Spade connection	6.3/2.8 x 0.8 mm
Connection in acc. with standard	IEC / EN
Conductor cross section rigid	0.2 mm ² ... 6 mm ²
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1.5 mm ²

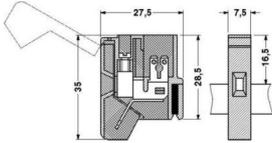
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2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 2.5 mm ²
Nominal current	25 A
Nominal voltage	voltage data only possible in conjunction with transformer

Dimensions

Dimensional drawing	
Width	7.5 mm
Height	27.5 mm
Length	35 mm

Material specifications

Color	orange
Flammability rating according to UL 94	V2
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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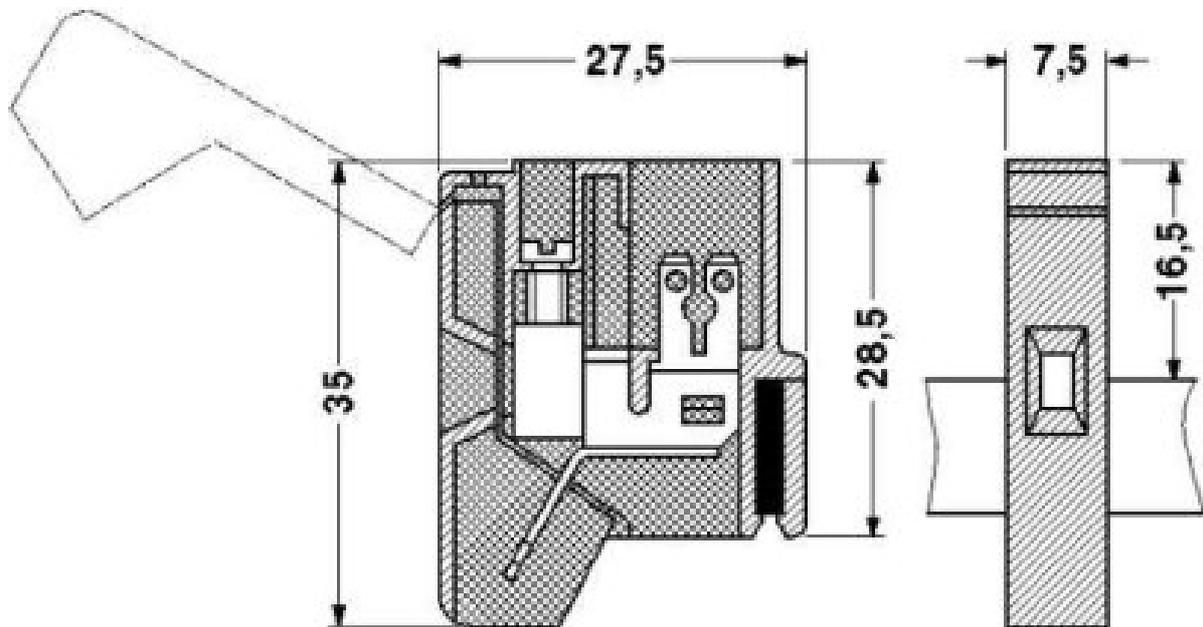
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Drawings

Dimensional drawing



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702160>

 CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B	600 V	27 A	24 - 10	-
Use group C	600 V	27 A	24 - 10	-

 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	30 A	30 - 10	-
Use group C	600 V	30 A	30 - 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	600 V	30 A	30 - 10	-
Use group C	600 V	30 A	30 - 10	-

 EAC Approval ID: B.01687				
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 VDE Zeichengenehmigung Approval ID: 40018703				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	750 V	32 A	-	0.5 - 4

cULus Recognized				
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Classifications

ECLASS

ECLASS-11.0	27141110
ECLASS-13.0	27141110
ECLASS-12.0	27141110

ETIM

ETIM 7.0	EC000398
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UNSPSC

UNSPSC 21.0	39121410
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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