

2702160

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	50 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

TRKS 4-FS OG - Transformer terminal block



2702160

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

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

Data management status

Article revision	09
------------------	----

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

TRKS 4-FS OG - Transformer terminal block

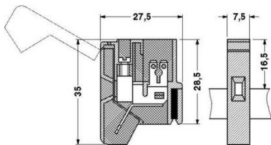


2702160

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

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
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 (Housing)	orange (RAL 2003)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

Standards and regulations

Connection in acc. with standard	IEC / EN
----------------------------------	----------

Mounting

Mounting type	DIN rail
---------------	----------

Packaging specifications

Type of packaging	packed in cardboard
-------------------	---------------------

TRKS 4-FS OG - Transformer terminal block

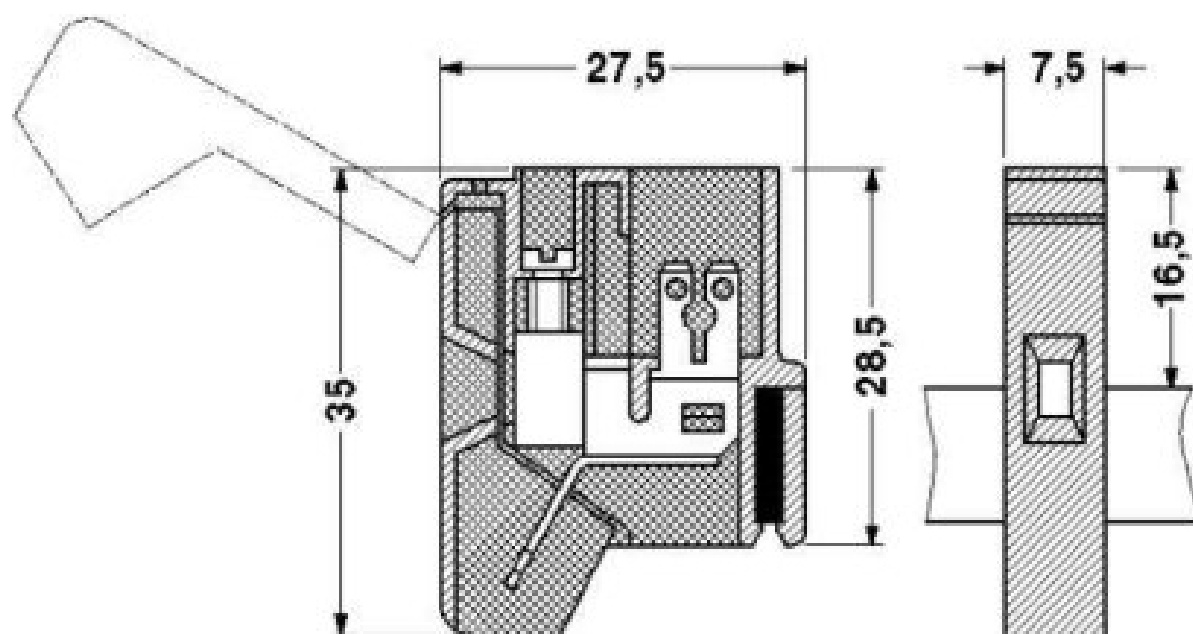
2702160

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



Drawings

Dimensional drawing



TRKS 4-FS OG - Transformer terminal block





2702160


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


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	-

 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

TRKS 4-FS OG - Transformer terminal block



2702160

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

Classifications

ECLASS

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

UNSPSC

UNSPSC 21.0	39121410
-------------	----------

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

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

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