

Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Transformer terminal block, Connection method: Screw connection, Length: 50.5 mm, Width: 12.5 mm, Height: 27.5 mm, Color: orange, Mounting type: DIN rail, Coil snap-in device

The illustration shows versions TRKS 4-SI and TRKS 4/1-SI in orange



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 060718
Weight per Piece (excluding packing)	13.78 GRM
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Note	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.
	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.
	When mounted on coils with mounting chambers, a gap of 1.25 mm results on both sides.
Number of connections	2
Color	orange
Insulating material	PA

Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

Technical data

General

Inflammability class according to UL 94	V2
Rated surge voltage	4 kV
Rated insulation voltage	250 V
Pollution degree	3
Surge voltage category	III
Connection in acc. with standard	IEC / EN
Nominal current I_N	10 A (is determined by the fuse used)
Nominal voltage U_N	voltage data only possible in conjunction with transformer
Number of positions	1

Dimensions

Width	12.5 mm
Length	50.5 mm
Height	27.5 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection method	Screw connection
Stripping length	10 mm

Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

Technical data

Connection data

Internal cylindrical gage	A3 / A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141110
eCl@ss 4.1	27141110
eCl@ss 5.0	27141110
eCl@ss 5.1	27141110
eCl@ss 6.0	27141110
eCl@ss 7.0	27141110
eCl@ss 8.0	27141190

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC000398
ETIM 5.0	EC000398

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

Approvals

Approvals submitted

Approval details

UL Recognized		
	B	C
mm ² /AWG/kcmil	30-10	30-10
Nominal current I _N	10 A	10 A
Nominal voltage U _N	600 V	600 V

cUL Recognized		
	B	C
mm ² /AWG/kcmil	30-10	30-10
Nominal current I _N	10 A	10 A
Nominal voltage U _N	600 V	600 V

GOST		
------	--	--

GOST		
------	--	--

cULus Recognized		
------------------	--	--

Drawings

Transformer terminal block - TRKS 4/1-SI(6,3X32) OG - 2702348

Dimensioned drawing

