

Transformer terminal block - TRKS 4/1-SI(5X30) GY - 2702393

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Transformer terminal block, Connection method: Screw connection, Length: 50.5 mm, Width: 12.5 mm, Height: 27.5 mm, Color: gray

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

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 060763
GTIN	4017918060763
Weight per Piece (excluding packing)	12.060 g
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.

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Technical data

General

Number of connections	2
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Rated insulation voltage	250 V
Degree of pollution	3
Overvoltage 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 flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, 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

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Connection data

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

Standards and Regulations

Connection in acc. with standard	CUL
	IEC / EN
Flammability rating according to UL 94	V2

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals


Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals


Approval details


UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	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	

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EAC		EAC-Zulassung
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