

Transformer terminal block - TRKS 4-SI(5X20) GY - 2702225

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Transformer terminal block, Connection method: Screw connection, Length: 45.8 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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 060633
Weight per Piece (excluding packing)	12.32 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.
Number of connections	2
Color	gray

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Technical data

General

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	45.8 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
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection method	Screw connection

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Technical data

Connection data

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

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	27141110

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

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Approvals

Approvals

UL Recognized / cUL Recognized / RS / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm ² /AWG/kcmil	30-10	30-10
Nominal current I _N	8 A	8 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	8 A	8 A
Nominal voltage U _N	600 V	600 V

RS

EAC

cULus Recognized

Accessories

Accessories

Partition plate

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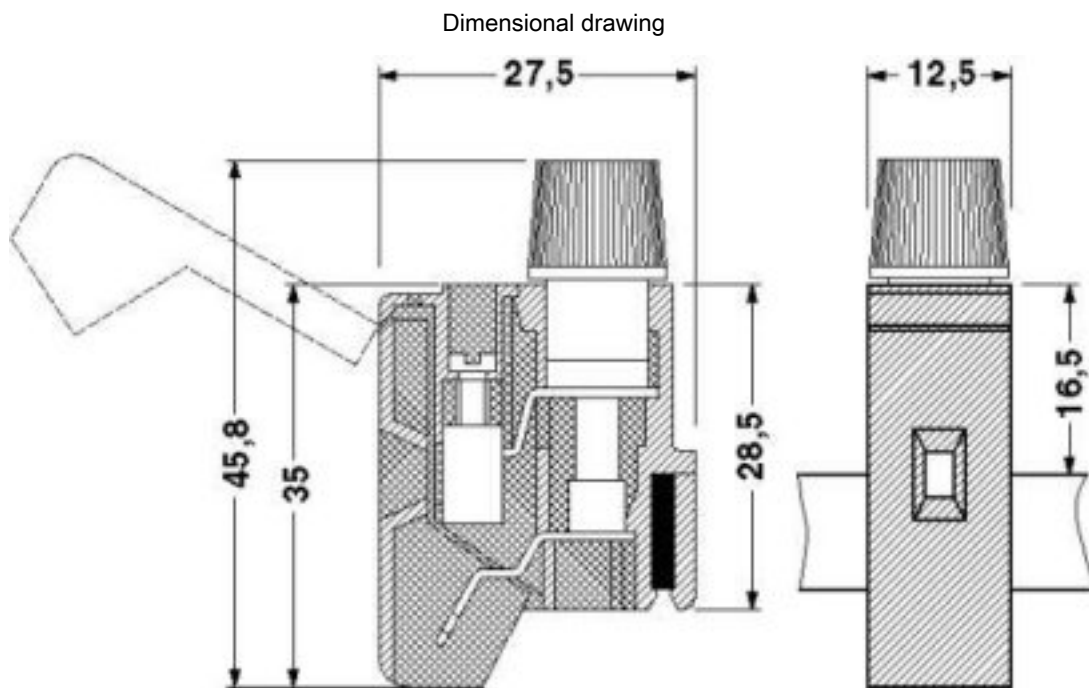
Accessories

Partition plate - ATP-TRKS - 3000308



Partition plate, Width: 2.2 mm, Color: gray

Drawings



Mouser Electronics

Authorized Distributor

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