

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



2702225

<https://www.phoenixcontact.com/us/products/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 figure shows versions TRKS 4-SI and TRKS 4/1-SI in orange

## Commercial data

Item number	2702225
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AA18
Product key	AARACB
GTIN	4017918060633
Weight per piece (including packing)	12.354 g
Weight per piece (excluding packing)	12.32 g
Customs tariff number	85369010
Country of origin	GR

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## Technical data

### 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	10 A (with 6 mm <sup>2</sup> cross section)
Rated insulation voltage	250 V
Rated surge voltage	4 kV

### Connection data

Maximum load current	10 A (with 6 mm <sup>2</sup> cross section)
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	10 mm 10 mm
Internal cylindrical gage	A3 / A4
Connection in acc. with standard	IEC / EN
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	24 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	10 A (is determined by the fuse used)
Nominal voltage	voltage data only possible in conjunction with transformer

### Dimensions

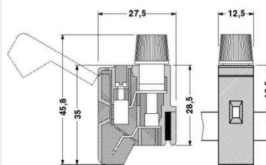
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## Dimensional drawing



Width	12.5 mm
Height	27.5 mm
Length	45.8 mm

## Material specifications

Color (Housing)	gray (RAL 7042)
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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## Packaging specifications

Type of packaging	packed in cardboard
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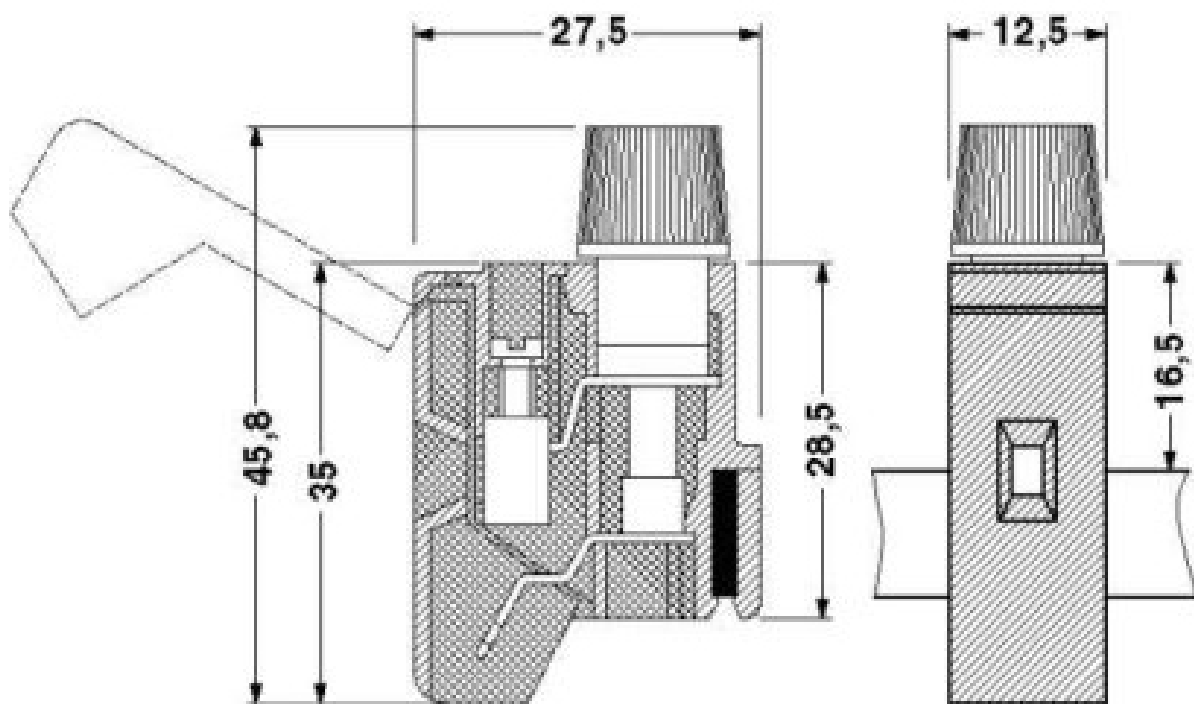
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## Drawings

Dimensional drawing



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## Classifications

### ECLASS

ECLASS-13.0	27141110
ECLASS-15.0	27141110

### UNSPSC

UNSPSC 21.0	39121410
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## Environmental product compliance

### EU RoHS

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