

# TRK 2,5-SI OG - Transformer terminal block

2701187

<https://www.phoenixcontact.com/us/products/2701187>

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Transformer terminal block, connection method: Screw connection, length: 28.5 mm, width: 29.5 mm, height: 19 mm, color: orange

## Commercial data

Item number	2701187
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AA18
Product key	AARACA
GTIN	4017918060480
Weight per piece (including packing)	12.4 g
Weight per piece (excluding packing)	12.4 g
Customs tariff number	85369010
Country of origin	GR

## 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	6.3 A (with 2,5 mm <sup>2</sup> cross section)
Rated insulation voltage	250 V
Rated surge voltage	4 kV

### Connection data

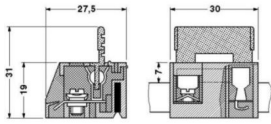
Maximum load current	6.3 A (with 2,5 mm <sup>2</sup> cross section)
Connection method	Screw connection
Screw thread	M4
Tightening torque	1 ... 1.2 Nm
Stripping length	11 mm
	11 mm
Internal cylindrical gage	A2
Connection in acc. with standard	IEC / EN
Conductor cross-section rigid	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	18 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, rigid	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Nominal current	6.3 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	29.5 mm
Height	19 mm
Length	28.5 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
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## Mounting

Mounting type	DIN rail
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## Packaging specifications

Type of packaging	packed in cardboard
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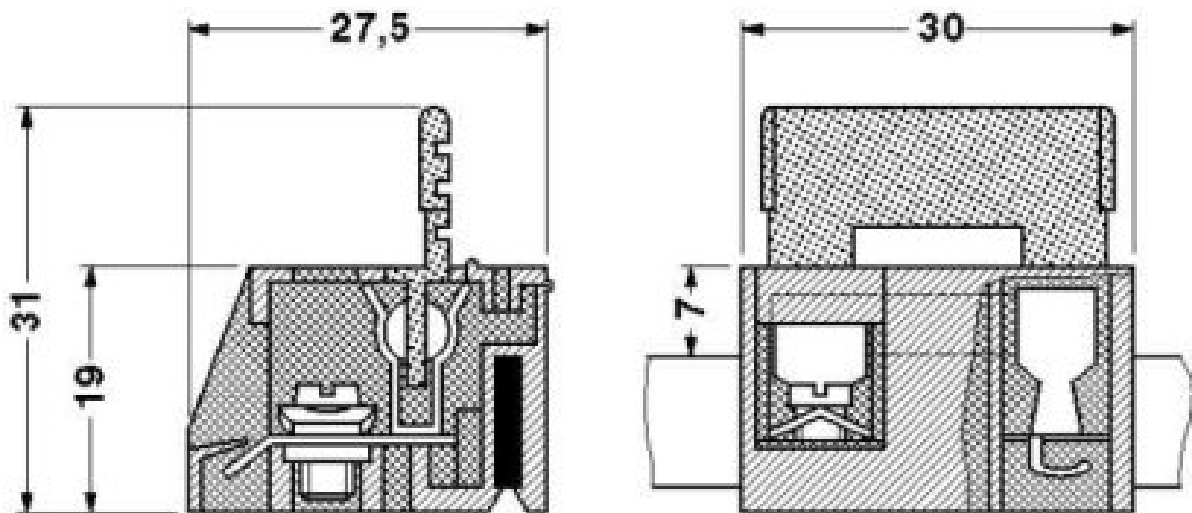


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## Drawings

### Dimensional drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2701187>

 <b>CSA</b> Approval ID: 13631				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	250 V	10 A	18 - 14	-
C	250 V	10 A	18 - 14	-

 <b>cUL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	300 V	8 A	22 - 12	-
C	300 V	8 A	22 - 12	-

 <b>UL Recognized</b> Approval ID: FILE E 60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
B	300 V	8 A	22 - 12	-
C	300 V	8 A	22 - 12	-

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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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