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## SynCon® TRK 2.5-Si and TRK 4-SL

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### Attributes

TRK terminals can be selectively snap mounted on the 2 x 10 mm or 2 x 35 mm mounting rail and bobbins with integrated mounting compartments. In addition to the ground terminal block, all insulation housings have a covering flap. This reveals the lateral open solder hook to facilitate the insertion and soldering of winding ends and subsequent fingerproof covering in compliance with VBG 4. This type covers the cross-sectional range up to 10mm<sup>2</sup>. With the exception of the TRK 10, the terminals are available with screw or screw and slip-on connections.

The TRK 4-SL yellow/green ground terminal block can be harmoniously connected to the remaining terminal types. It is screwed to the laminated core together with the mounting rail.

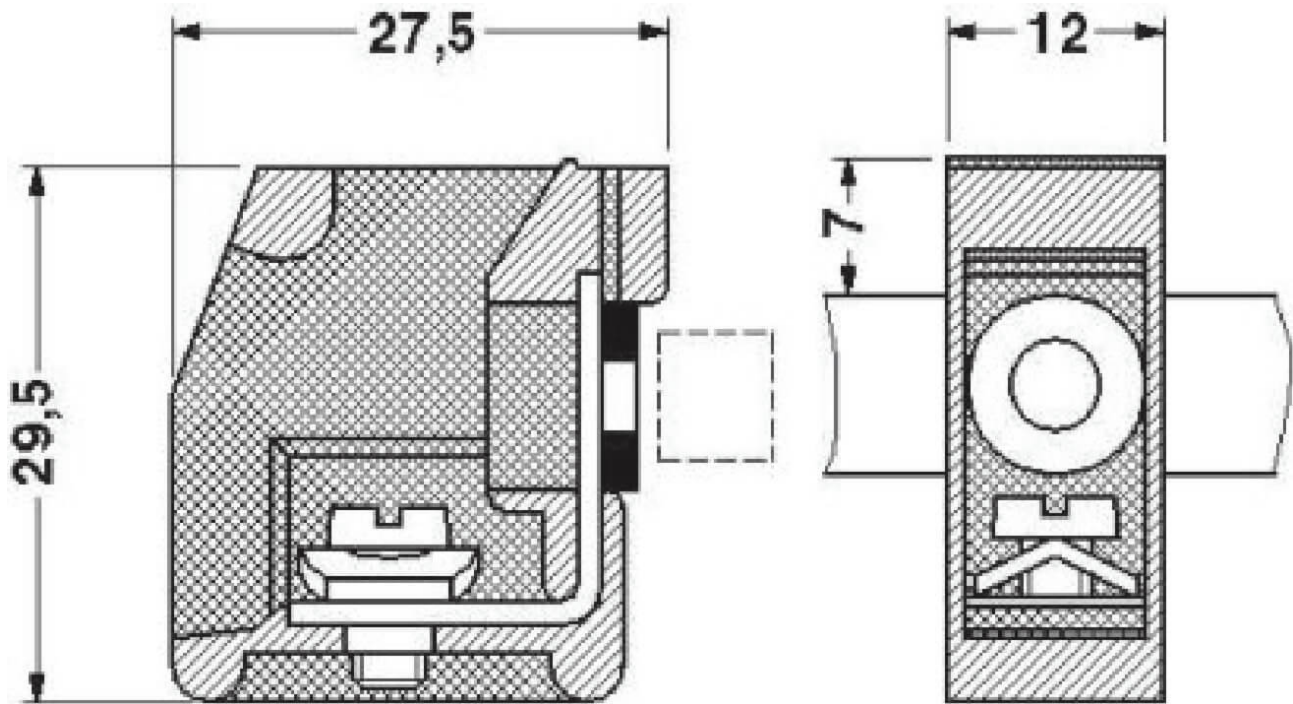
All TRK terminals are designated with the marker pin BN-TRK.

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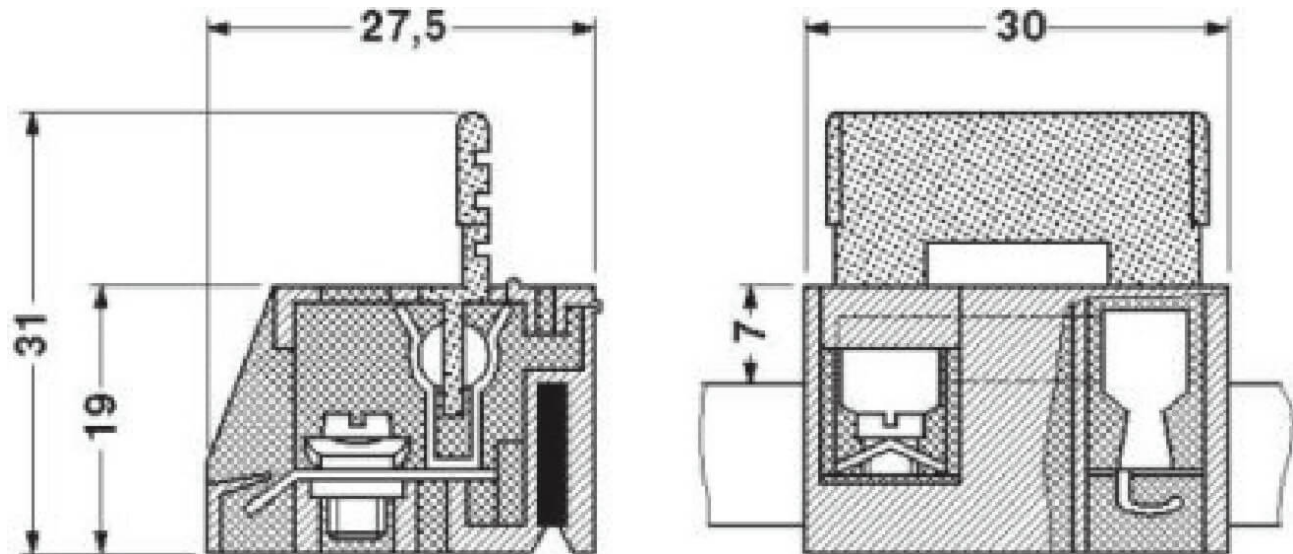
### Delivery forms

50 pieces per package

Technical drawing



[Translate to English:] TRK 2,5-Si



[Translate to English:] TRK 4-SL

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Updated 10/18



Technical data	Unit of measure	TRK 2.5-Si	TRK 4-SL
Design		5x20 and 5x25	
Rated cross section	mm <sup>2</sup>	2.5	4
Rated voltage	V	only possible with transformer	
Rated insulation voltage	V	250	
Rated surge voltage / Contamination class	kV / -	4/3	8 / 3
Surge voltage category/Insulation material group		III / I	III / I

Nominal data acc. to CSA	Unit of measure	TRK 2.5-Si	TRK 4-SL
Rated voltage	V	250	
Nominal current	A	6.3	

Nominal data acc. to UL	Unit of measure	TRK 2.5-Si	TRK 4-SL
Nominal current	A	8	
Rated voltage	V	300	

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Connection data	Unit of measure	TRK 2.5-Si	TRK 4-SL
Strand cross section rigid min	mm <sup>2</sup>	0.75	0.75
Strand cross section rigid max	mm <sup>2</sup>	2.5	4
Strand cross section flexible min	mm <sup>2</sup>	1	1
Strand cross section flexible max	mm <sup>2</sup>	2.5	4
Strand cross section with AEH min	mm <sup>2</sup>	0.75	0.75
Strand cross section with AEH max	mm <sup>2</sup>	2.5	2.5
2 strands equal cross section rigid min	mm <sup>2</sup>	0.75	0.75
2 strands equal cross section rigid max	mm <sup>2</sup>	2.5	4
2 strands equal cross section flexible min	mm <sup>2</sup>	1	1
2 strands equal cross section flexible max	mm <sup>2</sup>	2.5	4
2 strands equal cross section with TWIN-AEH min	mm <sup>2</sup>	0.5	0.5
2 strands equal cross section with TWIN-AEH max	mm <sup>2</sup>	1	1.5
Number of connections		2	2
Connection type		screw connection	screw connection
Stripping length	mm	11	11
Thread		M4	M4

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Connection data	Unit of measure	TRK 2.5-Si	TRK 4-SL
Torque	Nm	1.0-1.2	1.5-1.8

Material data	TRK 2.5-Si	TRK 4-SL
Insulation material	PA	PA
Inflammability class acc. to UL 94	V2	V2
Contact surface	tin-plated	tin-plated

Description	TRK 2.5-Si
Colour	TRKS 2.5-SI GY
Colour	grey, orange
Colour	TRKS 2.5-SI-OG

Description	TRK 4-SL
Colour	green-yellow
Colour	TRK 4-SL
Colour	

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