

Product datasheet

SynCon® TRKS 4, TRKSD 4 and TRKS 4/3
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SynCon® TRKS 4, TRKSD 4 and TRKS 4/3

Attributes

This type family has been developed for direct assembly on the coil body with integrated installation chambers. All terminals can also be snapped onto aluminium transformer rails 2 x 10 mm and 2 x 35 mm in size.

The type series includes:

- Single, double and triple terminals with screw connections
- Single and double terminals with combined screw/push-on blade connections
- Green/yellow PE terminals for screw connecting and welding to the core stack
- Fuse terminals for the relevant 5 x 20 mm, 5 x 30 mm and 6.3 x 32 mm cartridge fuse links
- Single, double and triple terminals with a connection capacity of 10 mm²

Delivery forms

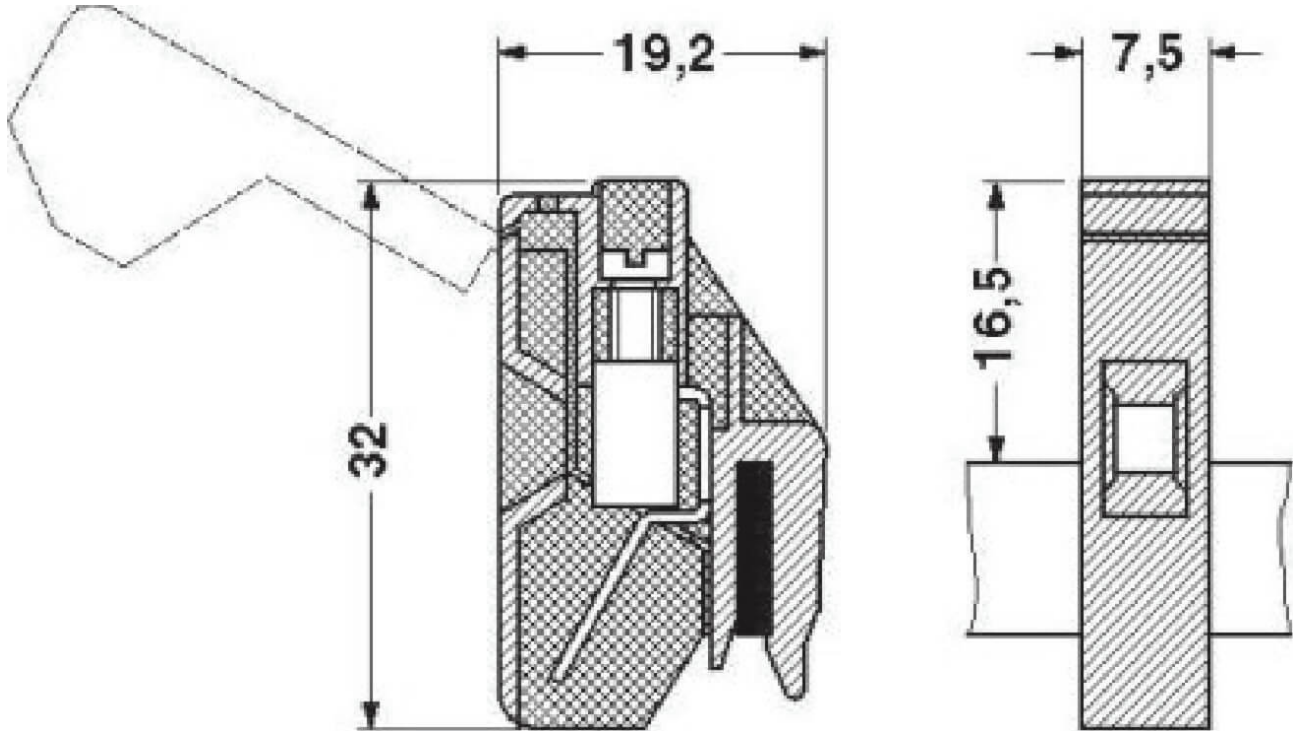
50 units per package

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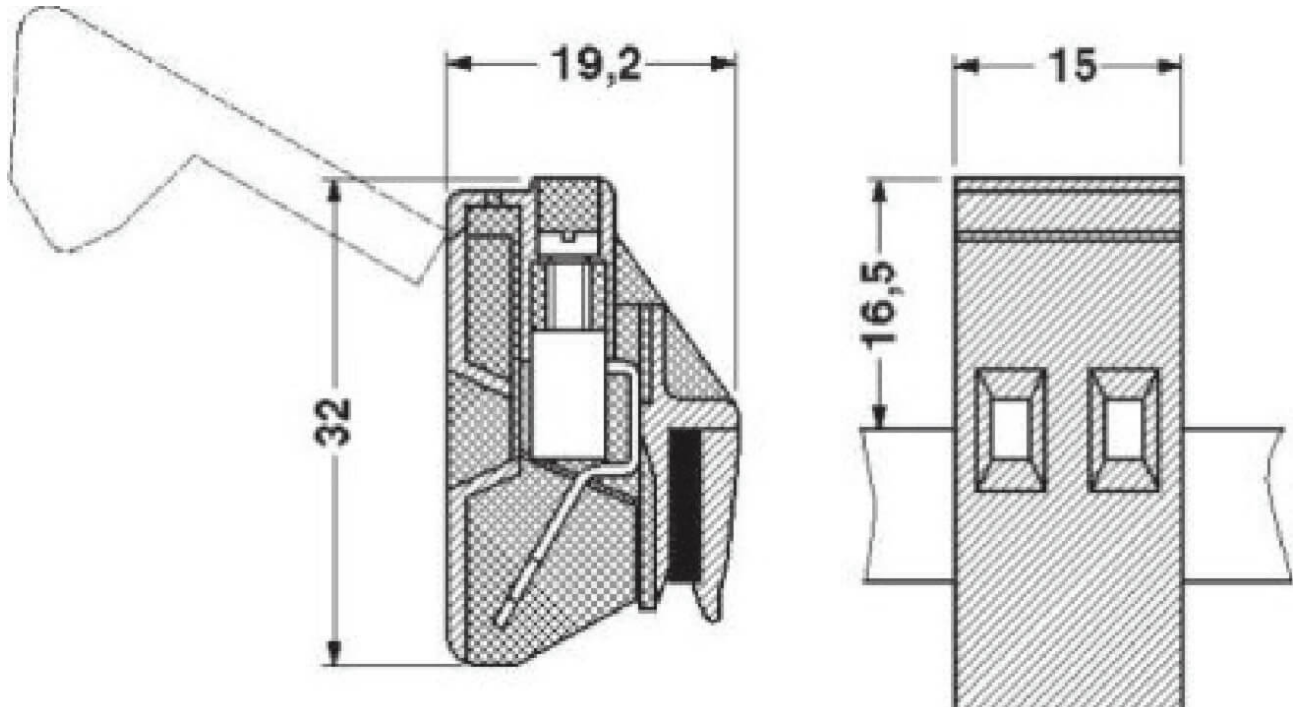
Updated 10/18



Technische Zeichnung



TRKS 4



TRKSD 4

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Technical data	Unit of measure	TRKS 4	TRKSD 4	TRKS 4/3
Design		single terminal	double terminal	triple terminal
Rated cross section	mm ²	4	4	4
Max. Strombelastbarkeit	A	30	30	30
Rated voltage	V	only possible with transformer	only possible with transformer	only possible with transformer
Rated insulation voltage	V	690	690	690
Rated surge voltage / Contamination class	kV / -	8 / 3	8 / 3	8/3
Surge voltage category/Insulation material group		III / I	III / I	III / I

Nominal data acc. to CSA	Unit of measure	TRKS 4	TRKSD 4	TRKS 4/3
Rated voltage	V	600	600	600
Nominal current	A	30	30	30
AWG	kcmil	24-10	24-10	24-10

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Nominal data acc. to UL	Unit of measure	TRKS 4	TRKSD 4	TRKS 4/3
Rated voltage	V	600	600	600
Nominal current	A	30	30	30
AWG	kcmil	30-10	30-10	30-10

Connection data	Unit of measure	TRKS 4	TRKSD 4	TRKS 4/3
Strand cross section rigid min	mm ²	0.2	0.2	0.2
Strand cross section rigid max	mm ²	6	6	6
Strand cross section flexible min	mm ²	0.2	0.2	0.2
Strand cross section flexible max	mm ²	4	4	4
Strand cross section with AEH min	mm ²	0.25	0.25	0.25
Strand cross section with AEH max	mm ²	1.5	1.5	1.5
2 strands equal cross section rigid min	mm ²	0.2	0.2	0.2
2 strands equal cross section rigid max	mm ²	1.5	1.5	1.5
2 strands equal cross section flexible min	mm ²	0.2	0.2	0.2

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Connection data	Unit of measure	TRKS 4	TRKSD 4	TRKS 4/3
2 strands equal cross section flexible max	mm ²	1.5	1.5	1.5
2 strands equal cross section with TWIN-AEH min	mm ²	0.25	0.5	0.5
2 strands equal cross section with TWIN-AEH max	mm ²	1.5	2.5	2.5
Number of connections		2	4	6
Connection type		screw connection	screw connection	screw connection
Stripping length	mm	8	8	8
Thread		M3	M3	M3
Torque	Nm	0.6-0.8	0.6-0.8	0.6-0.8

Material data	TRKS 4	TRKSD 4	TRKS 4/3
Insulation material	PA	PA	PA
Inflammability class acc. to UL 94	V2	V2	V2
Contact surface	tin-plated	tin-plated	tin-plated

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Description	TRKS 4	TRKSD 4	TRKS 4/3
Colour	TRKS 4 GY	TRKSD 4 GY	TRKSD 4/3 GY
Colour	TRKS 4 OG	TRKSD 4 OG	TRKS 4/3 OG

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