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

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### 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:

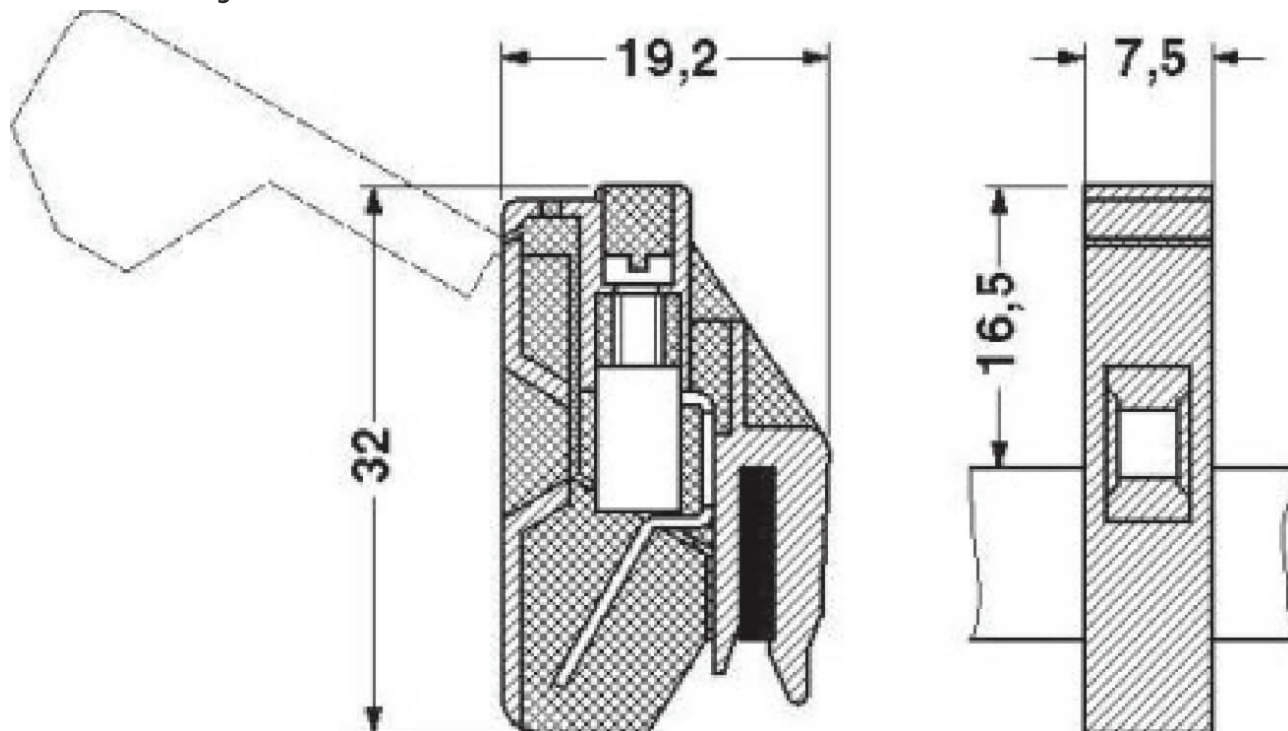
- Single, double and triple terminals with screw connections
- Single, double and triple terminals
- Green/yellow PE terminals for screw connecting and welding to the core stack
- Fuse terminals for the relevant 5 x 20 mm, 5 x 30 mm and 6.3 x 32 mm cartridge fuse links
- Single, double and triple terminals with a connection capacity of 10 mm<sup>2</sup>

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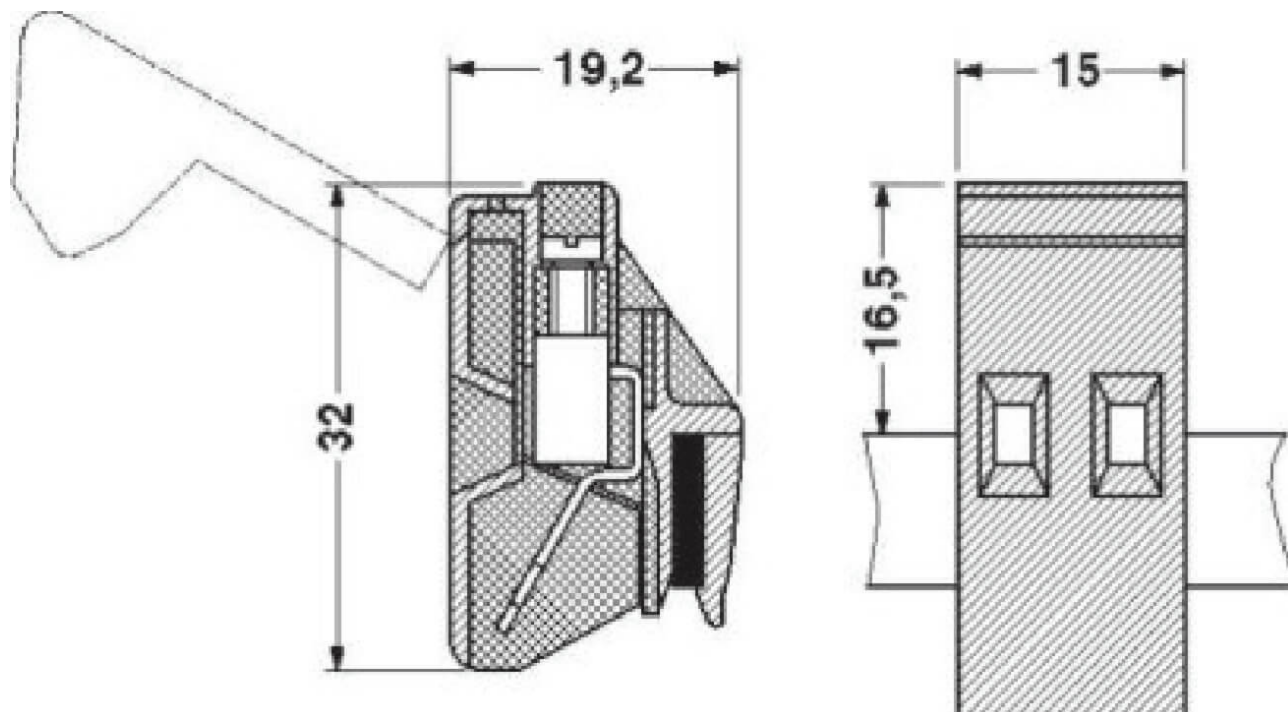
### Delivery forms

50 units per package

## Technical drawing



TRKS 4



TRKSD 4

**Product datasheet**

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

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

Nominal data acc. to UL	Unit of measure	TRKS 4	TRKSD 4
Rated voltage	V	600	600
Nominal current	A	30	30

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Updated 10/18



Nominal data acc. to UL	Unit of measure	TRKS 4	TRKSD 4
AWG	kcmil	30-10	30-10

Connection data	Unit of measure	TRKS 4	TRKSD 4
Strand cross section rigid min	mm <sup>2</sup>	0.2	0.2
Strand cross section rigid max	mm <sup>2</sup>	6	6
Strand cross section flexible min	mm <sup>2</sup>	0.2	0.2
Strand cross section flexible max	mm <sup>2</sup>	4	4
Strand cross section with AEH min	mm <sup>2</sup>	0.25	0.25
Strand cross section with AEH max	mm <sup>2</sup>	1.5	1.5
2 strands equal cross section rigid min	mm <sup>2</sup>	0.2	0.2
2 strands equal cross section rigid max	mm <sup>2</sup>	1.5	1.5
2 strands equal cross section flexible min	mm <sup>2</sup>	0.2	0.2
2 strands equal cross section flexible max	mm <sup>2</sup>	1.5	1.5
2 strands equal cross section with TWIN-AEH min	mm <sup>2</sup>	0.25	0.5
2 strands equal cross section with TWIN-AEH max	mm <sup>2</sup>	1.5	2.5
Number of connections		2	4

Connection data	Unit of measure	TRKS 4	TRKSD 4
Connection type		screw connection	screw connection
Stripping length	mm	8	8
Thread		M3	M3
Torque	Nm	0.6-0.8	0.6-0.8

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

Description	TRKS 4
Colour	TRKS 4 GY
Colour	TRKS 4 OG

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

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

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

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

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

Connection data	Unit of measure	TRKS 4/3
Strand cross section rigid min	mm <sup>2</sup>	0.2
Strand cross section rigid max	mm <sup>2</sup>	6
Strand cross section flexible min	mm <sup>2</sup>	0.2
Strand cross section flexible max	mm <sup>2</sup>	4
Strand cross section with AEH min	mm <sup>2</sup>	0.25
Strand cross section with AEH max	mm <sup>2</sup>	1.5
2 strands equal cross section rigid min	mm <sup>2</sup>	0.2
2 strands equal cross section rigid max	mm <sup>2</sup>	1.5
2 strands equal cross section flexible min	mm <sup>2</sup>	0.2
2 strands equal cross section flexible max	mm <sup>2</sup>	1.5
2 strands equal cross section with TWIN-AEH min	mm <sup>2</sup>	0.5
2 strands equal cross section with TWIN-AEH max	mm <sup>2</sup>	2.5
Number of connections		6
Connection type		screw connection

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Connection data	Unit of measure	TRKS 4/3
Stripping length	mm	8
Thread		M3
Torque	Nm	0.6-0.8

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

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