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## SynCon® TRKS 4-FS and TRKSD 4-FS

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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:

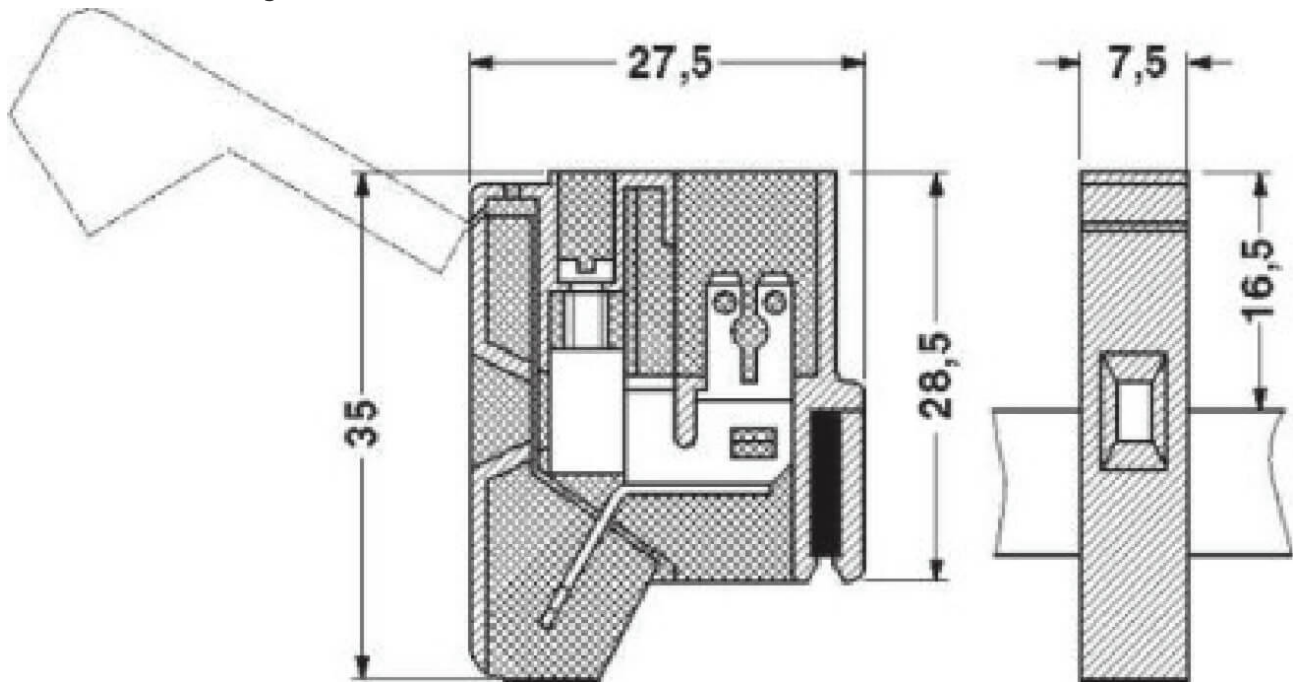
- Single, double and triple terminals with screw connections
- Single and double terminals with combined screw/push-on blade connections
- Green/yellow PE terminals for screw connecting and welding to the core stack
- Fuse terminals for the relevant 5 x 20 mm, 5 x 30 mm and 6.3 x 32 mm cartridge fuse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

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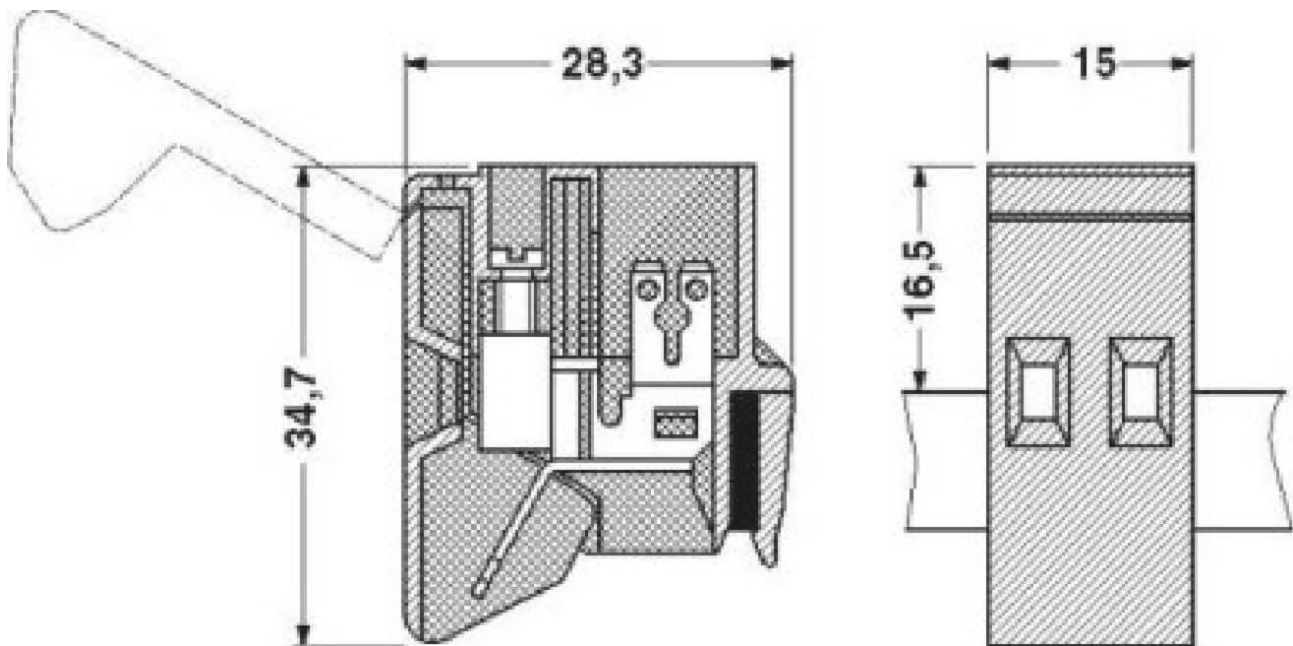
### Delivery forms

50 pieces per package

### Technische Zeichnung



TRKS 4-FS



TRKSD 4-FS

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Updated 10/18

Technical data	Unit of measure	TRKS 4-FS	TRKSD 4-FS
Rated cross section	mm <sup>2</sup>	4	4
Max. Strombelastbarkeit	A	30/18 (FS)	30/18 (FS)
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-FS	TRKSD 4-FS
Rated voltage	V	600	600
Nominal current	A	25	25
AWG	kcmil	24-10	24-10

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

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Connection data	Unit of measure	TKRS 4-FS	TKRSD 4-FS
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>	0.5	0.5
2 strands equal cross section with TWIN-AEH max	mm <sup>2</sup>	2.5	2.5
Number of connections		2	4
Connection type		screw connection	screw connection
Stripping length	mm	8	8
Thread		M3	M3

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Connection data	Unit of measure	TKRS 4-FS	TRKSD 4-FS
Torque	Nm	0.6-0.8	0.6-0.8

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

Description	TRKS 4-FS	TRKSD 4-FS
Colour	TRKS 4-FS GY	TRKS4-FS GY
Colour	TRKS 4-FS OK	TRKS 4-FS OG
Colour	TRKS 4-FS GNYE	TRKS 4-FS GNYE

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