
SynCon® ZTRK 4, ZTRK 4/2 and ZTRK 4/3

Attributes

The ZTRK 4 terminal with spring-cage connection and the SI-TRK fuse holder were developed for both direct mounting on bobbins with integrated mounting compartments and snap mounting on 2 x 10 mm und 2 x 35 mm aluminium transformer rails. The terminals cover the cross section range from 0.2 mm² to 4.0 mm².

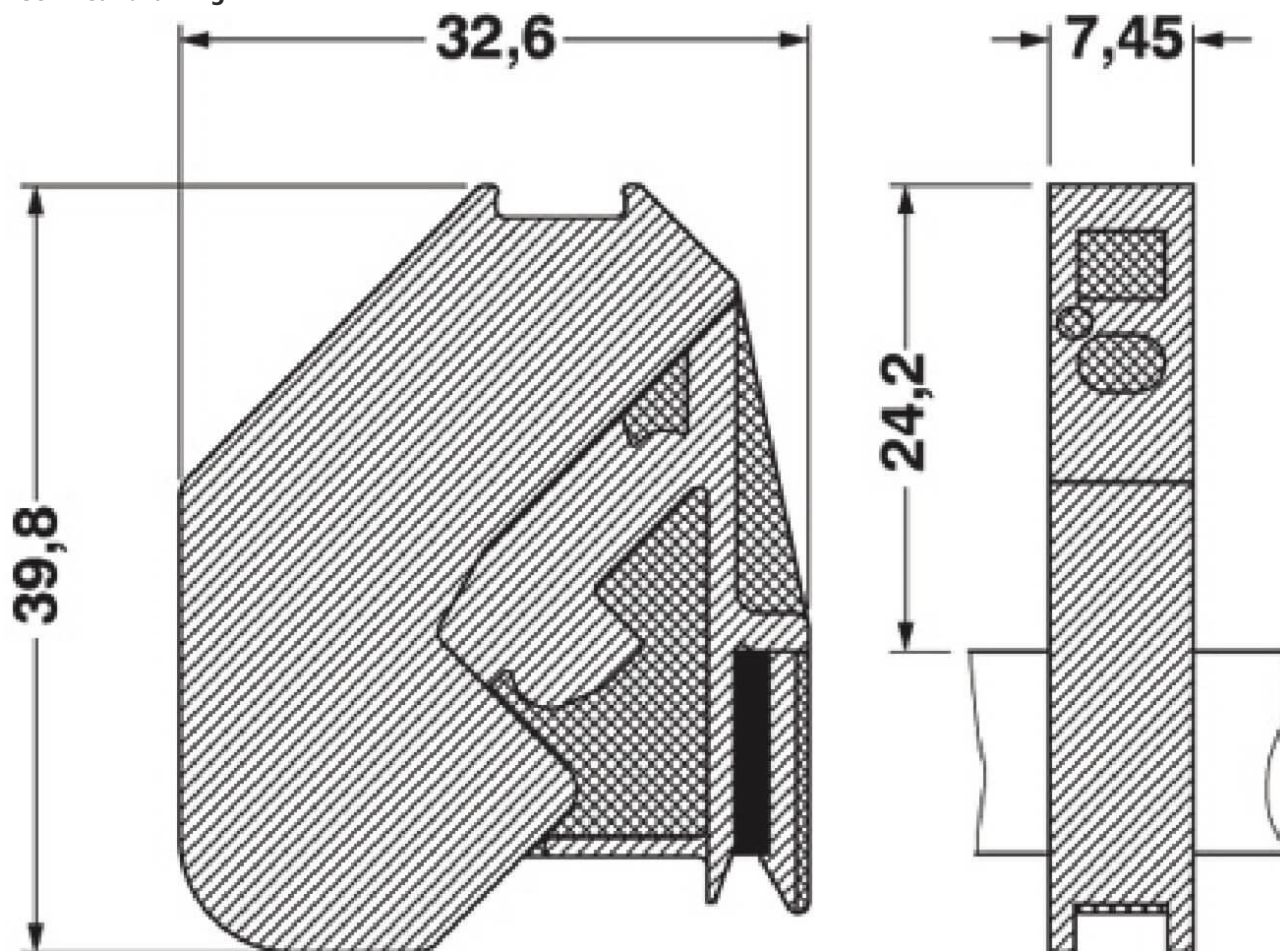
A green/yellow variant without metallic contact to the contact surface and a fuse terminal block with identical shape are also available.

The terminal has a practical 2.3 mm test hole designed for the test plug. The SIH-TRK fuse holder can accommodate a 5 x 20 mm replacement fuse directly on the transformer.

Delivery forms

50 units per package

Technical drawing



ZTRK 4

Technical data	Unit of measure	ZTRK 4	ZTRK 4/2
Design		mounting rail or bobbin	mounting rail or bobbin
Rated cross section	mm ²	4	4
Rated voltage	V	only possible with transformer	only possible with transformer
Rated insulation voltage	V	630	630
Rated surge voltage / Contamination class	kV / -	6 / 3	6 / 3
Surge voltage category/Insulation material group		3/III	3/III

Nominal data acc. to CSA	Unit of measure	ZTRK 4	ZTRK 4/2
Rated voltage	V	600	600
Nominal current	A	32	32

Nominal data acc. to UL	Unit of measure	ZTRK 4	ZTRK 4/2
Rated voltage	V	600	600
Nominal current	A	30	30

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Updated 10/18



Connection data	Unit of measure	ZTRK 4	ZTRK 4/2
Strand cross section rigid min	mm ²	0.2	0.2
Strand cross section rigid max	mm ²	4	4
Strand cross section flexible min	mm ²	0.2	0.2
Strand cross section flexible max	mm ²	4	4
Strand cross section with AEH min	mm ²	0.25	0.25
Strand cross section with AEH max	mm ²	4	4
2 strands equal cross section rigid min	mm ²		
2 strands equal cross section rigid max	mm ²		
2 strands equal cross section flexible min	mm ²		
2 strands equal cross section flexible max	mm ²		
2 strands equal cross section with TWIN-AEH min	mm ²	0.5	0.5
2 strands equal cross section with TWIN-AEH max	mm ²	1	1
Number of connections		2	2
Connection type		spring-cage	spring-cage
Stripping length	mm	12	12
Thread			
Torque	Nm		

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Material data	ZTRK 4	ZTRK 4/2
Insulation material	PA	PA
Inflammability class acc. to UL 94	V0	V0
Contact surface	tin-plated	tin-plated

Description	ZTRK 4
Colour	orange

Description	ZTRK 4/2	ZTRK 4/3
Colour	orange	orange

Technical data	Unit of measure	ZTRK 4/3
Design		mounting rail or bobbin
Rated cross section	mm ²	4
Rated voltage	V	only possible with transformer
Rated insulation voltage	V	630
Rated surge voltage / Contamination class	kV / -	6/3

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Updated 10/18



Technical data	Unit of measure	ZTRK 4/3
Surge voltage category/Insulation material group		3/III

Nominal data acc. to CSA	Unit of measure	ZTRK 4/3
Rated voltage	V	600
Nominal current	A	32

Nominal data acc. to UL	Unit of measure	ZTRK 4/3
Rated voltage	V	600
Nominal current	A	30

Connection data	Unit of measure	ZTRK 4/3
Strand cross section rigid min	mm ²	0.2
Strand cross section rigid max	mm ²	4
Strand cross section flexible min	mm ²	0.2
Strand cross section flexible max	mm ²	4
Strand cross section with AEH min	mm ²	0.25

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Connection data	Unit of measure	ZTRK 4/3
Strand cross section with AEH max	mm ²	4
2 strands equal cross section rigid min	mm ²	
2 strands equal cross section rigid max	mm ²	
2 strands equal cross section flexible min	mm ²	
2 strands equal cross section flexible max	mm ²	
2 strands equal cross section with TWIN-AEH min	mm ²	0.5
2 strands equal cross section with TWIN-AEH max	mm ²	1
Number of connections		2
Connection type		spring-cage
Stripping length	mm	12
Thread		
Torque	Nm	

Material data	ZTRK 4/3
Insulation material	PA
Inflammability class acc. to UL 94	V0
Contact surface	tin-plated