
SynCon® VTRK 4

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Attributes

The VTRK 4 has been specially developed for connecting molded safety transformers conforming to IEC 742/EN 60 742 / DIN VDE 0551-1 for low voltage halogen lamps. Mounting is considerably facilitated by this new development. This connection technology enables molding of the transformer to the terminal. A connection cross section of 4mm² can be realised for supply and return lines, despite the low height of only 12.4 mm.

The VTRK 4 terminal variant is also equipped with a solid strain relief element. In addition to this, two fuse terminal block variants are available to protect the transformers.

The VTRK 4 acts as the primary transformer protection, and the VTRK 4 protects secondary power circuits with max. 32 V. Both terminals are also available as special variants with LED displays.

The molded housing has a wall thickness of 1.2 to 1.9 mm.

The VTRK 4 is individually labelled with BN Zack strip.

Delivery forms

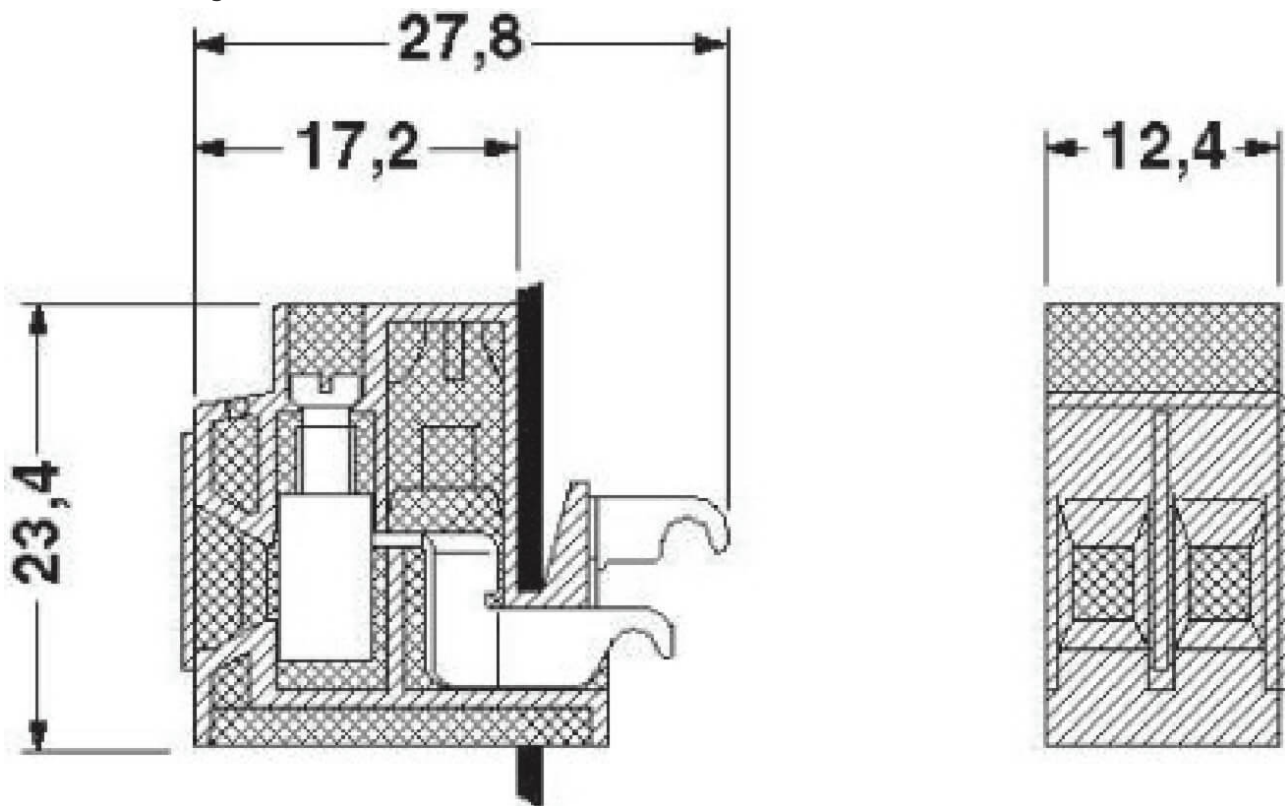
50 units per package

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Updated 06/24



Technical drawing



VTRK 4

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Technical data	Unit of measure	VTRK 4
Design		without
Rated cross section	mm ²	4
Max. Strombelastbarkeit	A	25
Rated insulation voltage	V	250
Rated surge voltage / Contamination class	kV / -	4 / 3
Surge voltage category/Insulation material group		III / I
Rated voltage	V	only possible with transformer

Nominal data acc. to CSA	Unit of measure	VTRK 4
Rated voltage	V	300
Nominal current	A	10
AWG	kcmil	24-10

Nominal data acc. to UL	Unit of measure	VTRK 4
Rated voltage	V	300
Nominal current	A	30
AWG	kcmil	30-10

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Connection data	Unit of measure	VTRK 4
Strand cross section rigid min	mm ²	0.2
Strand cross section rigid max	mm ²	6
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
Strand cross section with AEH max	mm ²	1.5
2 strands equal cross section rigid min	mm ²	0.2
2 strands equal cross section rigid max	mm ²	1.5
2 strands equal cross section flexible min	mm ²	0.2
2 strands equal cross section flexible max	mm ²	1.5
2 strands equal cross section with TWIN-AEH min	mm ²	0.5
2 strands equal cross section with TWIN-AEH max	mm ²	2.5
Number of connections		4
Connection type		screw connection
Stripping length	mm	8
Thread		M3
Torque	Nm	0.6-0.8

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

Description	VTRK 4
Colour	VTRKS 4-WH - white
Colour	VTRK 4 OG
Colour	VTRKS 4-GY - Grey
Colour	VTRK-BK - Black

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