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## SynCon® VTRK 4-Si

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### Attributes

The VTRK 4-Si 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 4mm<sup>2</sup> can be realised for supply and return lines, despite the low height of only 12.4 mm.

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

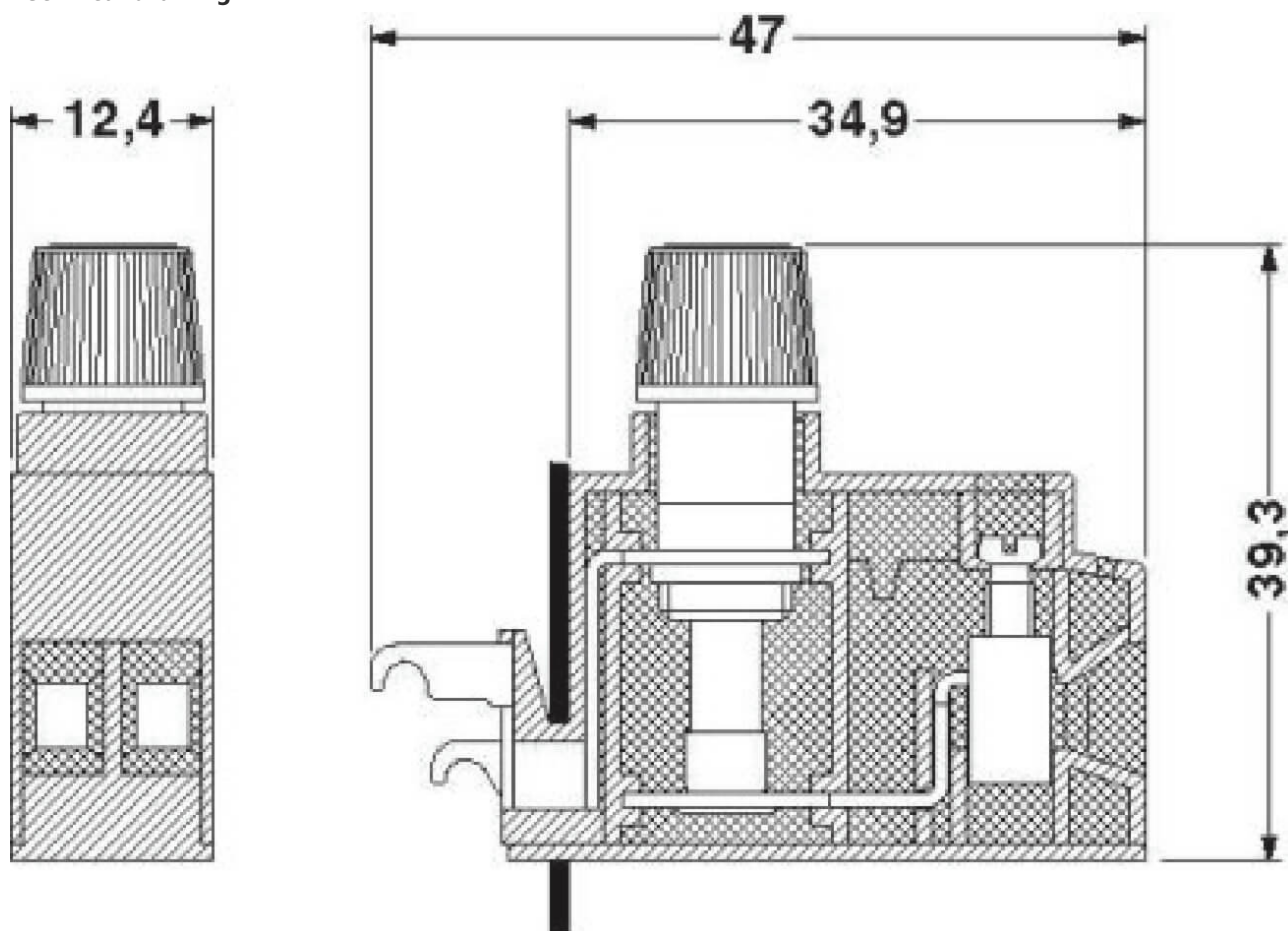
The VTRK 4-Si is individually labelled with BN Zack strip.

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### Delivery forms

50 units per package

## Technical drawing



VTRK 4-Si

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Updated 06/24



Technical data	Unit of measure	VTRK 4-Si
Design		fuse plug 5mm x 20 mm
Rated cross section	mm <sup>2</sup>	4
Rated voltage	V	only possible with transformer
Rated insulation voltage	V	250
Rated surge voltage / Contamination class	kV / -	4/3
Surge voltage category/Insulation material group		III / III

Connection data	Unit of measure	VTRK 4-Si
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

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

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

Description	VTRK 4-Si
Colour	Orange

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