
SynCon® TRKS 4-Si and TRKS 4/1-Si

Attributes

This range was developed for direct mounting on bobbins with integrated mounting compartments. However, all terminals can also be snap mounted on 2 x 10 mm and 2 x 35 mm aluminium transformer rails.

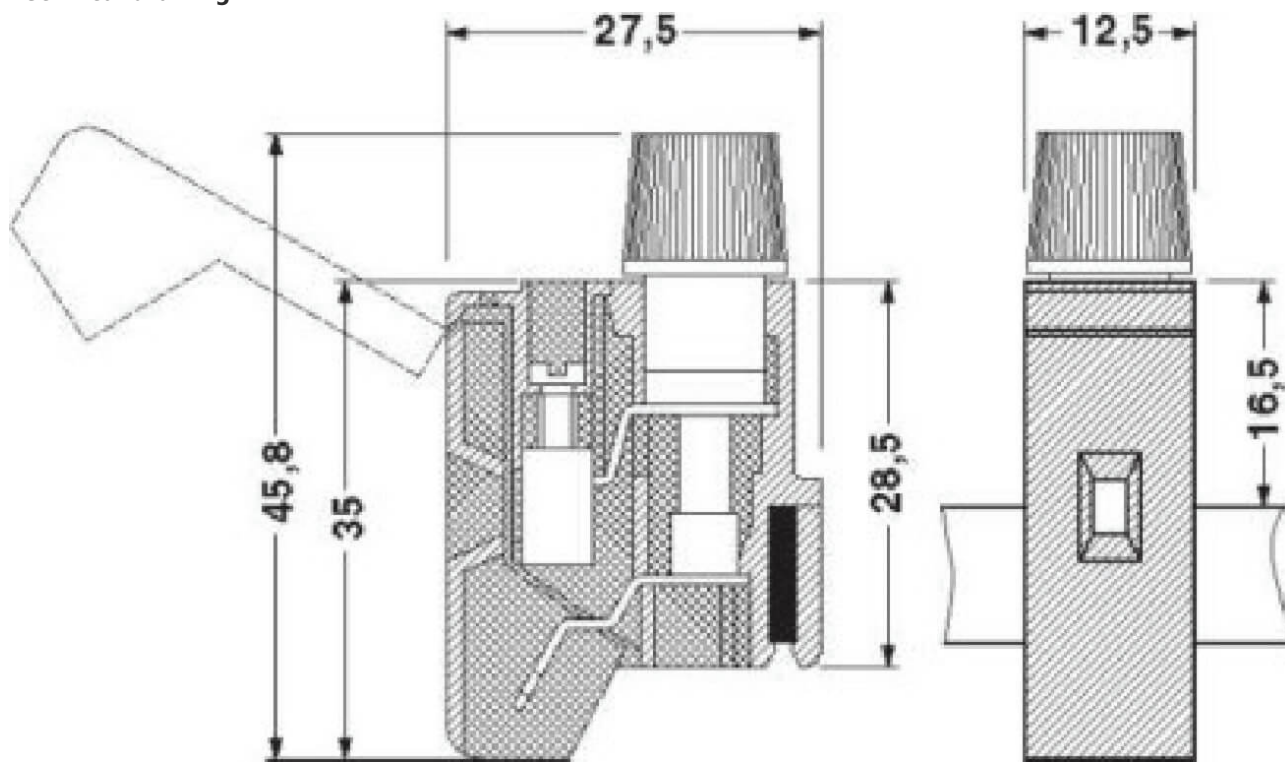
The range encompasses:

fuse terminal blocks for respective G-fuses 5 x 20 mm, 5 x 30 mm and 6.3 x 32 mm

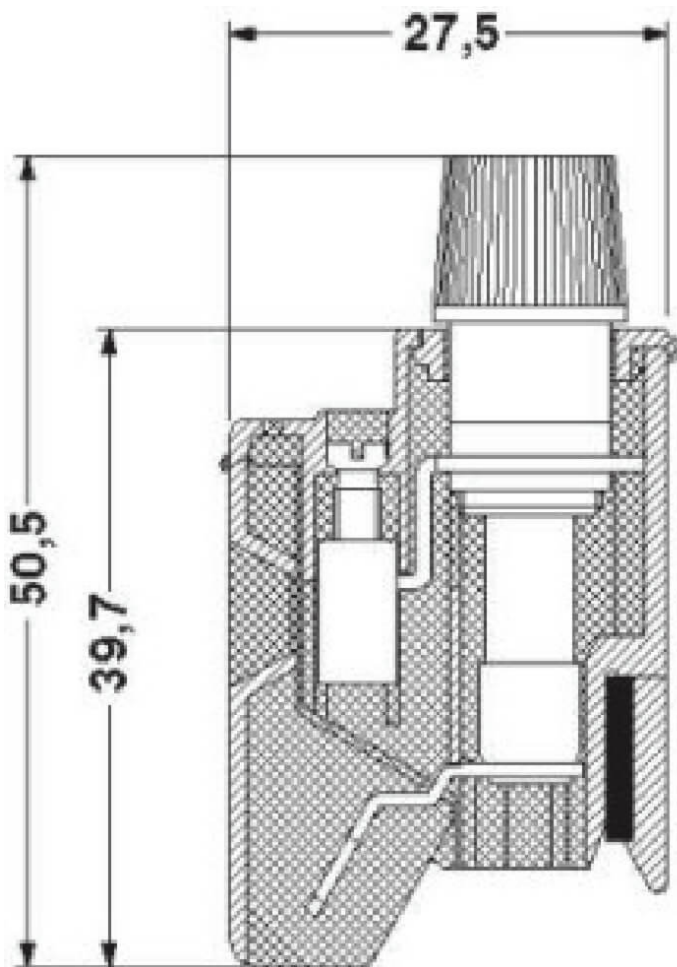
Delivery forms

50 units per package

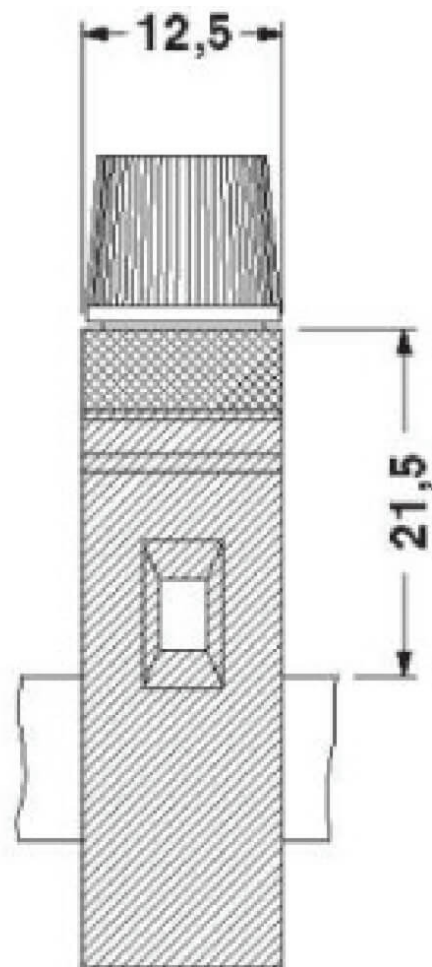
Technical drawing



TRKS 4-Si



TRKS 4/1-Si



| Technical data | Unit of measure | TRKS 4-Si | TRKS 4/1-Si |
|--|-----------------|--------------------------------|--------------------------------|
| Design | | 5 x 20 | 5 x 30 or 6.3 x 32 |
| Rated cross section | mm ² | 4 | 4 |
| Max. Strombelastbarkeit | A | 10. depending on Si | 10, depending on Si |
| Rated insulation voltage | V | 250 | 250 |
| Rated surge voltage / Contamination class | kV / - | 4 / 3 | 4 / 3 |
| Surge voltage category/Insulation material group | | III / I | III / I |
| Rated voltage | V | only possible with transformer | only possible with transformer |

| Nominal data acc. to UL | Unit of measure | TRKS 4-Si | TRKS 4/1-Si |
|-------------------------|-----------------|-----------|-------------|
| Rated voltage | V | 600 | 600 |
| Nominal current | A | 8 | 10 |
| AWG | kcmil | 30-10 | 30-10 |

| Connection data | Unit of measure | TRKS 4-Si | TRKS 4/1-Si |
|--------------------------------|-----------------|-----------|-------------|
| Strand cross section rigid min | mm ² | 0.2 | 0.2 |

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Updated 06/24



| Connection data | Unit of measure | TRKS 4-Si | TRKS 4/1-Si |
|---|-----------------|------------------|------------------|
| Strand cross section rigid max | mm ² | 6 | 6 |
| 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 | 1.5 | 1.5 |
| 2 strands equal cross section rigid min | mm ² | 0.2 | 0.2 |
| 2 strands equal cross section rigid max | mm ² | 1.5 | 1.5 |
| 2 strands equal cross section flexible min | mm ² | 0.2 | 0.2 |
| 2 strands equal cross section flexible max | mm ² | 1.5 | 1.5 |
| 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 | 2.5 | 2.5 |
| Number of connections | | 2 | 2 |
| Connection type | | screw connection | screw connection |
| Stripping length | mm | 10 | 10 |
| Thread | | M3 | M3 |
| Torque | Nm | 0.6-0.8 | 0.6-0.8 |

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| Material data | TRKS 4-Si | TRKS 4/1-Si |
|------------------------------------|------------|-------------|
| Insulation material | PA | PA |
| Inflammability class acc. to UL 94 | V2 | V2 |
| Contact surface | tin-plated | tin-plated |

| Description | TRKS 4-Si | TRKS 4/1-Si |
|-------------|--------------|--------------|
| Colour | grey, orange | grey, orange |

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