

Han 1HC-Sti-Ax 650A, 150-185mm²



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|--------------------|---|
| Part number | 09 11 001 2672 |
| Specification | Han 1HC-Sti-Ax 650A, 150-185mm ² |
| HARTING eCatalogue | https://b2b.harting.com/09110012672 |

Identification

| | |
|----------------|-----------------------------|
| Category | Inserts |
| Series | Han [®] HC Modular |
| Identification | 650 |

Version

| | |
|--------------------|-------------------------|
| Termination method | Axial screw termination |
| Gender | Male |

Technical characteristics

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|-------------------------|--|
| Conductor cross-section | 150 ... 185 mm ² |
| Wire outer diameter | ≤26.5 mm |
| Rated current | 650 A |
| Rated voltage | 4,000 V |
| Rated impulse voltage | 18 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.2 mΩ |
| Limiting temperature | -40 ... +125 °C |
| Stripping length | 23 ... 25 mm |
| Tightening torque | 17 Nm @ 150 mm ² 18 Nm @ 185 mm ² |
| Mating cycles | ≥500 |



Pushing Performance

Material properties

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|---|---|
| Material (insert) | Polycarbonate Polyamide |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Silver plated |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |

Specifications and approvals

| | |
|----------------|-------------------------|
| Specifications | EN 60664-1 IEC 61984 |
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 337.67 g |
| Country of origin | Germany |
| European customs tariff number | 85359000 |
| eCl@ss | 27440205 Contact insert for industrial connectors |