

Han 1HC-sti-AX (350A,20-35mm2)



| / | |
|--------------------|-------------------------------------|
| Part number | 09 11 001 2650 |
| Specification | Han 1HC-sti-AX (350A,20-35mm2) |
| HARTING eCatalogue | https://b2b.harting.com/09110012650 |

Image is for illustration purposes only. Please refer to product description.

Identification

| Category | Inserts |
|----------------|-----------------------------|
| Series | Han [®] HC Modular |
| Identification | 350 |

Version

| Termination method | Axial screw termination |
|--------------------|---|
| Gender | Male |
| Details | The vibration and shock resistance can only be met if the cables are fixed at an appropriate distance. Instructions for the spacing of strain relief can be found in the document in eCatalogue under the section Instructions. |

Technical characteristics

| Conductor cross-section | 20 35 mm² |
|-------------------------|---------------------|
| Wire outer diameter | ≤19.5 mm |
| Rated current | 350 A |
| Rated voltage | 2,000 V |
| Rated impulse voltage | 12 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.2 mΩ |
| Stripping length | 19 19.5 mm |
| Tightening torque | 8 Nm |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥500 |

Page 1 / 3 | Creation date 2023-03-17 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 11 001 2650 Han 1HC-sti-AX (350A,20-35mm2)



Technical characteristics

| Vibration resistance | Category 2 acc. to IEC 61373 |
|---|---|
| Shock resistance | Category 2 acc. to IEC 61373 |
| | |
| Material properties | |
| Material (insert) | Polycarbonate (PC) Polyamide (PA) |
| 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 |
| | 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 |

RoHS exemptions

| 1.01 | 10 | exemptions | |
|------|----|------------|--|
| | | | |

| weight | 1.0 | • | ` |
|--------------------|--------------------|------------------|---|
| 6(c): Copper alloy | containing up to 4 | % lead by weight | |

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

| ELV status | compliant with exemption |
|--------------------------------------|---|
| China RoHS | 50 |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

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

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Commercial data

| Packaging size | 1 |
|--------------------------------|---|
| Net weight | 161 g |
| Country of origin | Romania |
| European customs tariff number | 85359000 |
| GTIN | 5713140015968 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

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