

# Han 1HC-Sti-Ax 650A, 70-120mm<sup>2</sup>



Part number	09 11 001 2671
Specification	Han 1HC-Sti-Ax 650A, 70-120mm <sup>2</sup>
HARTING eCatalogue	https://b2b.harting.com/09110012671

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

#### Identification

Category	Inserts
Series	Han <sup>®</sup> HC Modular
Identification	650

## Version

Termination method	Axial screw termination
Gender	Male

## **Technical characteristics**

Conductor cross-section	70 120 mm²
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 <sup>10</sup> Ω
Contact resistance	≤0.2 mΩ
Stripping length	23 25 mm
Tightening torque	12 Nm @ 70 mm² 14 Nm @ 95 mm² 16 Nm @ 120 mm²
Limiting temperature	-40 +125 °C

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### Technical characteristics

Mating cycles	≥500
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
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 6(c): Copper alloy containing up to 4 % 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 Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
Specifications and approvals	
Cresifications	EN 60664-1

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

#### Commercial data

Packaging size	1
Net weight	364 g
Country of origin	Romania
European customs tariff number	85359000
eCl@ss	27440205 Contact insert for industrial connectors

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