

# Han 1HC-Sti-S-M12, 650A



Part number	09 11 001 2675
Specification	Han 1HC-Sti-S-M12, 650A
HARTING eCatalogue	https://b2b.harting.com/09110012675

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	Screw termination
Gender	Male
Details	Please ensure to hold up the contact with a wrench size 24 to apply the tightening torque

# Technical characteristics

Conductor cross-section	240 mm²
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
Tightening torque	16 18 Nm
Limiting temperature	-40 +125 °C
Mating cycles	≥500

Page 1 / 2 | Creation date 2020-09-10 | 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 GmbH & 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 2675 Han 1HC-Sti-S-M12, 650A



## 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(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

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

### Commercial data

Packaging size	1
Net weight	505 g
Country of origin	Romania
European customs tariff number	85359000
eCl@ss	27440205 Contact insert for industrial connectors

Page 2 / 2 | Creation date 2020-09-10 | 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 GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com