



THE DATASHEET OF
09110012675



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



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

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

Identification

Category	Inserts
Series	Han [®] 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 (mm ²)	70 ... 240 mm ²
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
Tightening torque	16 ... 18 Nm
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Vibration resistance	Category 1B acc. to IEC 61373



Pushing Performance
Since 1945

Technical characteristics

Shock resistance Category 1B 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
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	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) + A1 (2023-10)
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

Commercial data

Packaging size	1
Net weight	505 g
Country of origin	Romania
European customs tariff number	85359000



Pushing Performance
Since 1945

Commercial data

GTIN	5713140016033
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View 09110012675 on WIN SOURCE](#)

 [HARTING](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management