Pushing Performance
Since 1945

Han 1HC-bu-AX (350A,95-120mm2)

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

Part number	09 11 001 2752
Specification	Han 1HC-bu-AX (350A,95-120mm2)
HARTING eCatalogue	https://harting.com/09110012752

Identification

Category	Inserts
Series	Han® HC Modular
Identification	350

Version

Termination method	Axial screw termination
Gender	Female
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	95 ... 120 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 ... 20 mm
Tightening torque	14 Nm @ 95 mm² 16 Nm @ 120 mm²
Limiting temperature	-40 ... +125 °C

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Technical characteristics

Mating cycles	≥500
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
ELV status	compliant
China RoHS	e
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
ECHA SCIP number	60b1a572-bb3f-476f-9307-b7d1688bd90c
California Proposition 65 substances	Yes
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	137.94 g
Country of origin	Romania
European customs tariff number	85359000

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GTIN	5713140016064
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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