

Han 1HC-Bu-Ax 650A, 70-120mm²



Part number	09 11 001 2771
Specification	Han 1HC-Bu-Ax 650A, 70-120mm ²
HARTING eCatalogue	https://b2b.harting.com/09110012771

Identification

Category	Inserts
Series	Han [®] HC Modular
Identification	650

Version

Termination method	Axial screw termination
Gender	Female

Technical characteristics

Conductor cross-section	70 ... 120 mm ²
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 ¹⁰ Ω
Contact resistance	≤0.2 mΩ
Limiting temperature	-40 ... +125 °C
Stripping length	23 ... 25 mm
Tightening torque	12 Nm @ 70 mm ² 14 Nm @ 95 mm ² 16 Nm @ 120 mm ²
Mating cycles	≥500



Pushing Performance

Material properties

Material (insert)	Polycarbonate Polyamide
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

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	325 g
Country of origin	Germany
European customs tariff number	85359000
eCl@ss	27440205 Contact insert for industrial connectors