

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



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

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

### Identification

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

### Version

Termination method	Axial screw termination
Gender	Female

### Technical characteristics

Conductor cross-section	70 ... 120 mm <sup>2</sup>
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 mm <sup>2</sup> 14 Nm @ 95 mm <sup>2</sup> 16 Nm @ 120 mm <sup>2</sup>
Limiting temperature	-40 ... +125 °C



Pushing Performance

## 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
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel 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	Romania
European customs tariff number	85359000



Pushing Performance

## Commercial data

eCl@ss

27440205 Contact insert for industrial connectors

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