

Han 1HC-Bu-Ax 650A, 150-185mm²



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

| | |
|--------------------|---|
| Part number | 09 11 001 2772 |
| Specification | Han 1HC-Bu-Ax 650A, 150-185mm ² |
| HARTING eCatalogue | https://b2b.harting.com/09110012772 |

Identification

| | |
|----------------|-----------------------------|
| Category | Inserts |
| Series | Han [®] HC Modular |
| Identification | 650 |

Version

| | |
|----------------------|-------------------------|
| Termination method | Axial screw termination |
| Gender | Female |
| With wire protection | 0 |

Technical characteristics

| | |
|-------------------------|--|
| Conductor cross-section | [150] ... [185 mm ²] |
| Wire outer diameter | [≤26,5 mm] |
| Rated current | 650 A |
| Rated voltage | 4000 V |
| Rated impulse voltage | 18 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.2 mΩ |
| Stripping length | [23] ... [25 mm] |
| Tightening torque | [17 Nm] @ 150 mm ² [18 Nm] @ 185 mm ² |
| 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 |

Specifications and approvals

| | |
|----------------|-------------------------|
| Specifications | EN 60664-1 IEC 61984 |
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 |
| CE | 0 |

Commercial data

| | |
|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 292.5 g |
| Country of origin | Romania |
| European customs tariff number | 85359000 |



Pushing Performance

Commercial data

eCl@ss

27440205 Contact insert for industrial connectors