

## Han 1 HC-F-TC650



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

Part number	09 11 001 3112
Specification	Han 1 HC-F-TC650
HARTING eCatalogue	<a href="https://b2b.harting.com/09110013112">https://b2b.harting.com/09110013112</a>

### Identification

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

### Version

Termination method	Crimp termination
Gender	Female
Details	Please order crimp contacts separately.
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	70 ... 240 mm <sup>2</sup>
Wire outer diameter	≤27 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
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Vibration resistance	Category 1B acc. to IEC 61373



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## Technical characteristics

Shock resistance	Category 1B acc. to IEC 61373
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## Material properties

Material (insert)	Polycarbonate (PC) Polyamide (PA)
Colour (insert)	RAL 7032 (pebble grey)
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
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

## Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
Approvals	DNV GL

## Commercial data

Packaging size	1
Net weight	60 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140016217
ETIM	EC000438
eCI@ss	27440205 Contact insert for industrial connectors