Pushing Performance
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Han HsC 12 Pos. Female Insert

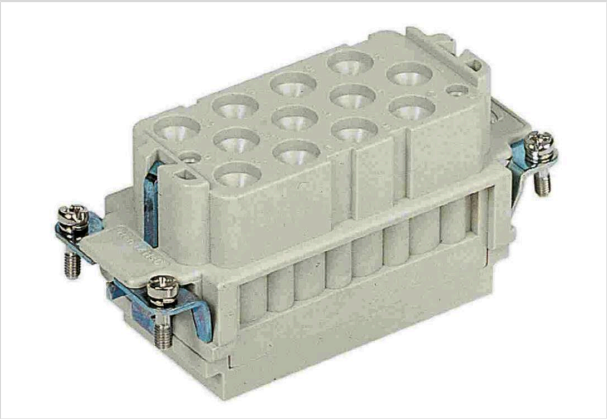


Image is for illustration purposes only. Please refer to product description.

Part number	09 32 012 3101
Specification	Han HsC 12 Pos. Female Insert
HARTING eCatalogue	https://harting.com/09320123101

Identification

Category	Inserts
Series	Han-Com®
Identification	Han® K 12/2

Version

Termination method	Crimp termination
Gender	Female
Size	16 B
Number of contacts	14
Number of signal contacts	2
Number of power contacts	12
PE contact	Yes
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section (mm²)	1.5 ... 6 mm² Power 0.14 ... 2.5 mm² Signal
Wire outer diameter	≤5 mm
Rated current (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	40 A

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Technical characteristics

Rated voltage (power)	690 V
Rated impulse voltage (power)	8 kV
Pollution degree (power)	3
Rated current acc. to UL (signal)	10 A
Rated voltage acc. to UL (signal)	600 V
Rated current acc. to UL (Power)	40 A
Rated voltage acc. to UL (Power)	600 V
Rated current acc. to CSA (signal)	10 A
Rated voltage acc. to CSA (signal)	300 V
Rated current acc. to CSA (Power)	40 A
Rated voltage acc. to CSA (Power)	300 V
Insulation resistance	$>10^{10}$ Ω
Tightening torque	2 Nm PE screw M5
Recommended screw driver	Slotted 0.8 x 4.5 PH2
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate (PC)
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	Not contained
California Proposition 65 substances	Not contained
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)

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Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	81.667 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140049215
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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