

Han Gigabit HMC insert male



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

Part number	09 14 208 3011
Specification	Han Gigabit HMC insert male
HARTING eCatalogue	https://b2b.harting.com/09142083011

Identification

Category	Inserts
Specification	Han [®] Gigabit HMC insert
Features	Suitable for PoE++

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
further contacts	+ shielding
Details	Please order crimp contacts separately. Please order adapter module separately.

Technical characteristics

Conductor cross-section	0.09 ... 0.52 mm ²
Rated current	5 A
Rated voltage	50 V
Rated voltage	50 V AC 60 V DC
Rated impulse voltage	0.8 kV
Pollution degree	3
Rated voltage acc. to UL	30 V
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz



Pushing Performance
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Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles with other HMC components	≥10,000

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (shielding)	Zinc die-cast, nickel-plated
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
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
California Proposition 65 substances	Not contained
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
UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076

Commercial data

Packaging size	1
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Net weight	37 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140162877
eCl@ss	27440218 Module for industrial connectors (data)