HARTING

Pushing Performance

Han Gigabit insert F, Cat. 7

Part number	09 14 008 3131
Specification	Han Gigabit insert F, Cat. 7
HARTING eCatalogue	https://b2b.harting.com/09140083131
Features	Suitable for PoE++

Identification

Category	Inserts
Specification	Han® Gigabit insert

Version

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

Technical characteristics

Conductor cross-section	0.09 ... 0.52 mm²
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
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥500
Transmission characteristics	Cat. 7_A Class F_A up to 1,000 MHz
Data rate	10 Mbit/s

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Technical characteristics

100 Mbit/s	
1 Gbit/s	
10 Gbit/s	

Material properties

Material (insert)	Polycarbonate
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	EN 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
Net weight	37 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440218 Module for industrial connectors (data)

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