

Han GigaBit Cat8 (GND), male



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

Part number	09 14 008 3035
Specification	Han GigaBit Cat8 (GND), male
HARTING eCatalogue	https://harting.com/09140083035

Identification

Category	Modules
Type of module	Han® Gigabit module
Description of the module	Insert
Features	Suitable for PoE++

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	8
further contacts	+ shielding
Details	With additional shield connection to the hinged frame Please order crimp contacts separately. Please order adapter module separately.

Technical characteristics

Conductor cross-section	0.09 ... 0.52 mm ²
Wire outer diameter	≤1.7 mm
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



Pushing Performance
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Technical characteristics

Transmission characteristics	Cat. 7 _A Class F _A up to 1,000 MHz
	Cat. 8 Class II up to 2000 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
	25 Gbit/s
	40 Gbit/s
Contact resistance, shielding	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Mating cycles	≥500

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	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)

Specifications and approvals

Specifications	IEC 60664-1
	IEC 61984
	IEC 61373 Category 2
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	40.564 g



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Commercial data

Country of origin	Romania
European customs tariff number	85389099
GTIN	5713140187498
eCl@ss	27440218 Module for industrial connectors (data)
ETIM	EC000438
UNSPSC 24.0	39121552