

# Han GigaBit Cat8 (GND), female



Part number	09 14 008 3135
Specification	Han GigaBit Cat8 (GND), female
HARTING eCatalogue	https://b2b.harting.com/09140083135

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

#### Identification

Category	Inserts
Type of module	Han <sup>®</sup> Gigabit module
Description of the module	Insert
Features	Suitable for PoE++

#### Version

Termination method	Crimp termination
Gender	Female
Number of contacts	8
further contacts	+ shielding
	With additional shield connection to the hinged frame
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

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### **Technical characteristics**

Transmission characteristics	Cat. 7 <sub>A</sub> Class F <sub>A</sub> up to 1,000 MHz
	Cat. 8 Class II up to 2000 MHz
	10 Mbit/s 100 Mbit/s
	1 Gbit/s
Data rate	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)
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
Country of origin	Germany

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#### Commercial data

European customs tariff number	85389099
GTIN	5713140187566
ETIM	EC000438
eCl@ss	27440218 Module for industrial connectors (data)

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