

Han GigaBit Cat8 (GND), male



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

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

Technical characteristics

Transmission characteristics	Cat. 7A 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

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