

Han Q1/0-M/M with housing (HBMA, red)



Part number	09 12 001 2662
Specification	Han Q1/0-M/M with housing (HBMA, red)
HARTING eCatalogue	https://b2b.harting.com/09120012662

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

Identification

Category	Connector sets
Series	Han [®] Q
Identification	1/0 protected
Type of hood/housing	Bulkhead mounted housing
Version	
Termination method	Axial screw termination
Gender	Male
Size	3 A
Number of contacts	1
Locking type	Single locking lever
Details	The described connectors are connectors without breaking capacity (COC) according to IEC 61984 and must not be coupled or decoupled under electrical load during use as intended!
	Only cables with protection class 2 shall be used!
	The axial screw termination is suitable for fine stranded wires according to EN 60228 class 5. Using alternative cables have to be tested separately.
	For the assembly within bulkhead mounted housings the described installation conditions of the data and type sheets must be respected.

Technical characteristics

Rated current	100 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3

AF 4.

For the connection of the conductor into the axial screw contact use hex key with

Page 1 / 3 | Creation date 2024-11-16 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤0.3 mΩ
Limiting temperature	-40 +125 °C
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 3000 (flame red)
Material (seal)	NBR
Material (locking)	Steel
Surface (locking)	Zinc plated
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	 6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight 6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
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 Lead
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)

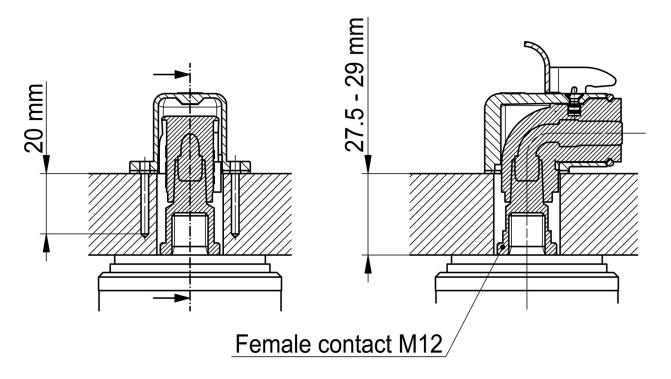
Page 2 / 3 | Creation date 2024-11-16 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Material properties

Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)
Specifications and approvals	
Specifications	IEC 60664-1 IEC 61984
Commercial data	
Packaging size	1
Net weight	97.275 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140189713
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)

Maximum drilling depth and insulation spacing



Page 3 / 3 | Creation date 2024-11-16 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany

Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com