

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



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

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

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 |

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|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Details | <p>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!</p> |
| | <p>Only cables with protection class 2 shall be used!</p> |
| Details | <p>The axial screw termination is suitable for fine stranded wires according to EN 60228 class 5. Using alternative cables have to be tested separately.</p> |
| | <p>For the assembly within bulkhead mounted housings the described installation conditions of the data and type sheets must be respected.</p> |
| | <p>For the connection of the conductor into the axial screw contact use hex key with A/F 4.</p> |

Technical characteristics

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



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Technical characteristics

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

Material properties

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|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |

Material properties

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|------------------------------------|--------------|
| 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 | 95.9 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

