



Pushing Performance
Since 1945

Han 70A Hybrid module, female 14-22mm²



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

| | |
|--------------------|---|
| Part number | 09 14 005 2742 |
| Specification | Han 70A Hybrid module, female 14-22mm ² |
| HARTING eCatalogue | https://b2b.harting.com/09140052742 |

Identification

| | |
|--------------------|-------------------------------------|
| Category | Modules |
| Series | Han-Modular [®] |
| Type of module | Han [®] 70 A Hybrid module |
| Size of the module | Single module |

Version

| | |
|---------------------------|---|
| Termination method | Axial screw termination / crimp termination |
| Gender | Female |
| Number of contacts | 5 |
| Number of signal contacts | 4 |
| Number of power contacts | 1 |
| Details | Please order signal contacts separately. |

Technical characteristics

| | |
|-------------------------|--------------------------------|
| Conductor cross-section | 14 ... 22 mm ² |
| Wire outer diameter | ≤10 mm Power ≤4.8 mm Signal |
| Rated current | 70 A |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated current (signal) | 16 A |
| Rated voltage (signal) | 400 V |



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Technical characteristics

| | |
|--------------------------------|----------------------------|
| Rated impulse voltage (signal) | 6 kV |
| Pollution degree (signal) | 3 |
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 0.5 \text{ m}\Omega$ |
| Stripping length | 12.5 ... 13.5 mm |
| Tightening torque | 4 Nm @ 14 mm ² |
| | 4 Nm @ 16 mm ² |
| | 4 Nm @ 22 mm ² |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥ 500 |

Material properties

| | |
|---|--|
| Material (insert) | Polycarbonate (PC) |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant with exemption |
| RoHS exemptions | 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 | Lead |
| ECHA SCIP number | 5dbb3851-b94e-4e88-97a1-571845975242 |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead |
| | Nickel |
| 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 |
| UL / CSA | UL 1977 ECBT2.E235076 |



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Specifications and approvals

| | |
|-----------|--------|
| Approvals | DNV GL |
|-----------|--------|

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 2 |
| Net weight | 19.34 g |
| Country of origin | Germany |
| European customs tariff number | 85389099 |
| GTIN | 5713140020320 |
| ETIM | EC000438 |
| eCl@ss | 27440217 Module for industrial connectors (power/signals) |