

Han 16HvE-F-s



| Part number | 09 34 016 2701 |
|--------------------|-------------------------------------|
| Specification | Han 16HvE-F-s |
| HARTING eCatalogue | https://b2b.harting.com/09340162701 |

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

Identification

| Category | Inserts |
|----------|-----------------------|
| Series | Han Hv E [®] |

Version

| Termination method | Screw termination |
|-----------------------------------|-------------------|
| Gender | Female |
| Size | 24 B |
| With wire protection | Yes |
| Number of contacts | 18 |
| Number of power contacts | 16 |
| Number of special contacts | 2 |
| Specification of special contacts | Relay contact |
| PE contact | Yes |

Technical characteristics

| Conductor cross-section | 0.75 2.5 mm² |
|-----------------------------------|---------------|
| Conductor cross-section | AWG 18 AWG 14 |
| Rated current | 16 A |
| Rated voltage conductor-earth | 400 V |
| Rated voltage conductor-conductor | 690 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 600 V |

Page 1 / 3 | Creation date 2023-03-17 | 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 Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

| Rated voltage acc. to CSA | 600 V |
|---------------------------|---------------------|
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤1 mΩ |
| Stripping length | 7.5 mm |
| Tightening torque | 0.5 Nm |
| 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 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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Product data sheet 09 34 016 2701 Han 16HvE-F-s



Commercial data

| Packaging size | 1 |
|--------------------------------|---|
| Net weight | 112.3 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140053489 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

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