

Han 16HvE-M-s

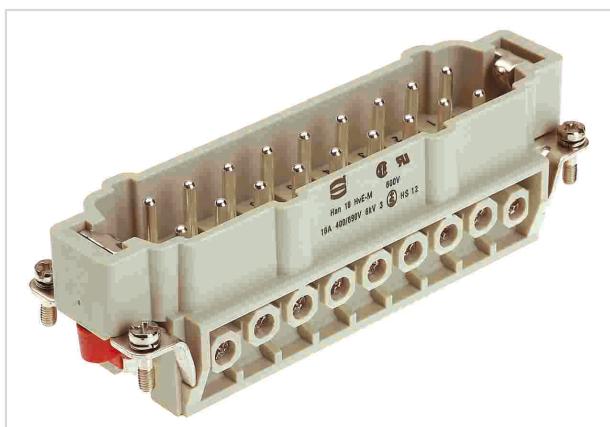


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 34 016 2601 |
| Specification | Han 16HvE-M-s |
| HARTING eCatalogue | https://b2b.harting.com/09340162601 |

Identification

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

Version

| | |
|-----------------------------------|-------------------|
| Termination method | Screw termination |
| Gender | Male |
| 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 |

Technical characteristics

| | |
|---------------------------|--------------------------|
| Rated voltage acc. to CSA | 600 V |
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 1 \text{ m}\Omega$ |
| 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 | Nickel Lead |

Specifications and approvals

| | |
|----------------|-------------------------|
| Specifications | EN 60664-1 IEC 61984 |
| UL / CSA | UL 1977 ECBT2.E235076 |

Commercial data

| | |
|----------------|---|
| Packaging size | 1 |
|----------------|---|

Commercial data

| | |
|--------------------------------|---|
| Net weight | 105.76 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440205 Contact insert for industrial connectors |