
Part number 09340062601

Specification Han 6HvE-M-s

HARTING eCatalogue https://b2b.harting.com/09340062601

## Identification

| Category | Inserts |
| :--- | :--- |
| Series | $\operatorname{Han~HvE} E^{\circledR}$ |

Version

| Termination method | Screw termination |
| :--- | :--- |
| Gender | Male |
| Size | 16 B |
| With wire protection | Yes |
| Number of contacts | 8 |
| Number of power contacts | 6 |
| Number of special contacts | 2 |
| Specification of special contacts | Relay contact |
| PE contact | Yes |

## Technical characteristics

| Conductor cross-section | $0.75 \ldots 2.5 \mathrm{~mm}^{2}$ |
| :--- | :--- |
| Conductor cross-section | AWG $18 \ldots$ AWG 14 |
| Rated current | 16 A |
| Rated voltage | 830 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 600 V |
| Rated voltage acc. to CSA | 600 V |

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HARTING Electric Stiftung \& Co. KG | Wilhelm-Harting-Straße 1| 32339 Espelkamp | Germany
Phone +495772 47-97100| electric@HARTING.com | www.HARTING.com

## Technical characteristics

| Insulation resistance | $>10^{10} \Omega$ |
| :--- | :--- |
| Contact resistance | $\leq 1 \mathrm{~m} \Omega$ |
| Stripping length | 7.5 mm |
| Tightening torque | 0.5 Nm |
| Limiting temperature | $-40 \ldots+125^{\circ} \mathrm{C}$ |
| Mating cycles | $\geq 500$ |

## 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 | Not contained |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Yes |
| REACH SVHC substances | Lead |
| REACH SVHC substances | 5dbb3851-b94e-4e88-97a1-571845975242 |
| ECHA SCIP number | Yes |
| California Proposition 65 substances | Nickel |
| California Proposition 65 substances | Lead |

## Specifications and approvals

| Specifications | $\begin{aligned} & \text { EN 60664-1 } \\ & \text { IEC } 61984 \end{aligned}$ |
| :---: | :---: |
| UL / CSA | UL 1977 ECBT2.E235076 |
| Commercial data |  |
| Packaging size | 1 |
| Net weight | 67.2 g |

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## Commercial data

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

