

Han 3HvES-F

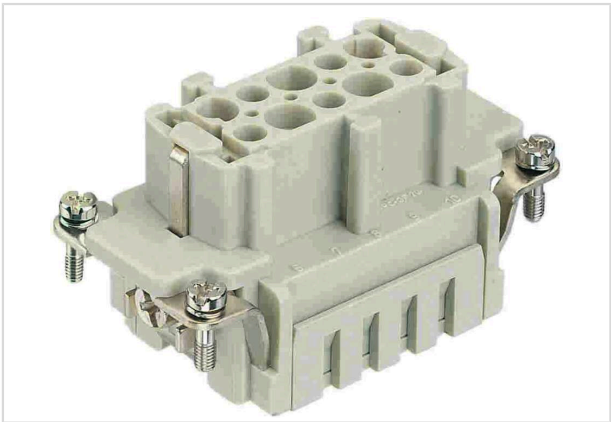


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 34 003 2716 |
| Specification | Han 3HvES-F |
| HARTING eCatalogue | https://b2b.harting.com/09340032716 |

Identification

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

Version

| | |
|-----------------------------------|--|
| Termination method | Cage-clamp termination |
| Gender | Female |
| Size | 10 B |
| Number of contacts | 5 |
| Number of power contacts | 3 |
| Number of special contacts | 2 |
| Specification of special contacts | Relay contact |
| PE contact | Yes |
| Details | Not mating compatible to Han Hv E® screw/crimp termination |

Technical characteristics

| | |
|---------------------------|-------------------|
| Conductor cross-section | 0.14 ... 2.5 mm² |
| Conductor cross-section | AWG 26 ... 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 |



Pushing Performance
Since 1945

Technical characteristics

| | |
|-----------------------|--------------------------|
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 3 \text{ m}\Omega$ |
| Stripping length | 7 ... 9 mm |
| 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 | 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 |
| 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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Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 59.7 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140053038 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |