

## Han 3HvES-M

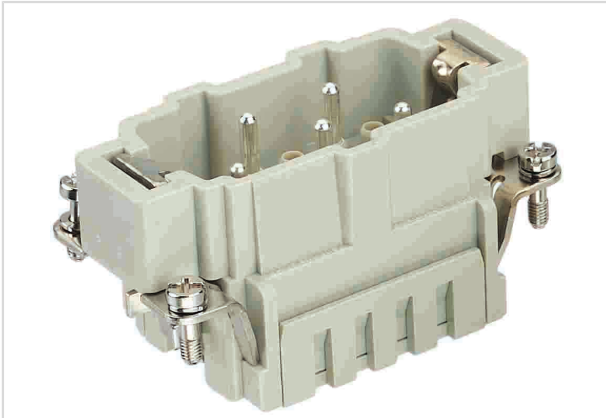


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 34 003 2616                                                                        |
| Specification      | Han 3HvES-M                                                                           |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09340032616">https://b2b.harting.com/09340032616</a> |

### Identification

|          |                        |
|----------|------------------------|
| Category | Inserts                |
| Series   | Han <sup>®</sup> Hv ES |

### Version

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Termination method | Cage-clamp termination                                                 |
| Gender             | Male                                                                   |
| Size               | 10 B                                                                   |
| Number of contacts | 3                                                                      |
| further contacts   | + 2 additional relay contacts                                          |
| PE contact         | Yes                                                                    |
| Details            | Not mating compatible to Han Hv E <sup>®</sup> screw/crimp termination |

### Technical characteristics

|                           |                              |
|---------------------------|------------------------------|
| Conductor cross-section   | 0.14 ... 2.5 mm <sup>2</sup> |
| 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                        |
| Insulation resistance     | >10 <sup>10</sup> Ω          |
| Contact resistance        | ≤3 mΩ                        |



Pushing Performance

## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| 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               | No                                                                |
| REACH ANNEX XIV substances                | No                                                                |
| REACH SVHC substances                     | Yes                                                               |
| REACH SVHC substances                     | Lead<br>Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| ECHA SCIP number                          | 1e38d35d-d1be-4585-8e03-95faccd739bf                              |

## Specifications and approvals

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

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 55.4 g                                            |
| Country of origin              | Germany                                           |
| European customs tariff number | 85366990                                          |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |