

## Han 6HvE-F-c

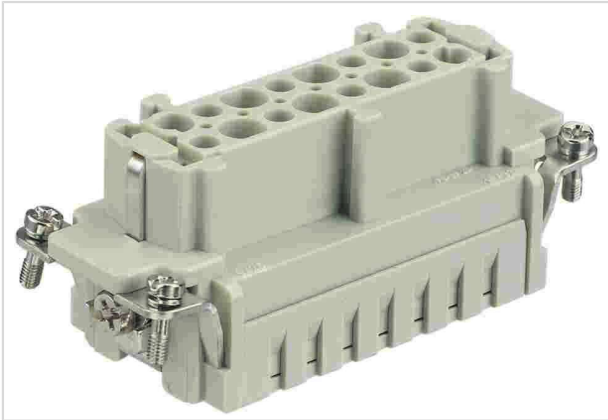


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 34 006 2702                                                                        |
| Specification      | Han 6HvE-F-c                                                                          |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09340062702">https://b2b.harting.com/09340062702</a> |

### Identification

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

### Version

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Termination method                | Crimp termination                       |
| Gender                            | Female                                  |
| Size                              | 16 B                                    |
| Number of contacts                | 8                                       |
| Number of power contacts          | 6                                       |
| Number of special contacts        | 2                                       |
| Specification of special contacts | Relay contact                           |
| PE contact                        | Yes                                     |
| Details                           | Please order crimp contacts separately. |

### Technical characteristics

|                           |                   |
|---------------------------|-------------------|
| Conductor cross-section   | 0.5 ... 4 mm²     |
| Conductor cross-section   | AWG 20 ... AWG 12 |
| 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 | $>10^{10} \Omega$ |
| Limiting temperature  | -40 ... +125 °C   |
| Mating cycles         | $\geq 500$        |

## Material properties

|                                           |                        |
|-------------------------------------------|------------------------|
| Material (insert)                         | Polycarbonate (PC)     |
| Colour (insert)                           | RAL 7032 (pebble grey) |
| Material flammability class acc. to UL 94 | V-0                    |
| RoHS                                      | compliant              |
| ELV status                                | compliant              |
| China RoHS                                | e                      |
| REACH Annex XVII substances               | Not contained          |
| REACH ANNEX XIV substances                | Not contained          |
| REACH SVHC substances                     | Not contained          |
| California Proposition 65 substances      | Yes                    |
| California Proposition 65 substances      | Lead<br>Nickel         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)   |
| Requirement set with Hazard Levels        | R26                    |

## Specifications and approvals

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

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 63.82 g                                           |
| Country of origin              | Germany                                           |
| European customs tariff number | 85389099                                          |
| GTIN                           | 5713140053243                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |