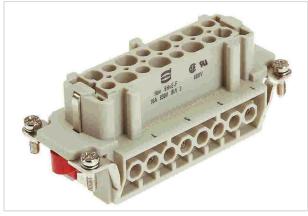


# Han 6HvE-F-s



Part number	09 34 006 2701
Specification	Han 6HvE-F-s
HARTING eCatalogue	https://b2b.harting.com/09340062701

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

### Identification

Category	Inserts
Series	Han Hv E <sup>®</sup>

## Version

Termination method	Screw termination
Gender	Female
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 2.5 mm²
Conductor cross-section	AWG 18 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

Page 1 / 3 | Creation date 2024-04-13 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



## Technical characteristics

Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤1 mΩ
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	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
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	R26

## Specifications and approvals

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

Page 2 / 3 | Creation date 2024-04-13 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 34 006 2701 Han 6HvE-F-s



#### Commercial data

Packaging size	1
Net weight	73.04 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140053236
eCl@ss	27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2024-04-13 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com