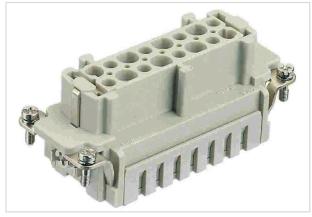


Han 6HvES-F



Part number	09 34 006 2716
Specification	Han 6HvES-F
HARTING eCatalogue	https://b2b.harting.com/09340062716

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

Identification

Category	Inserts
Series	Han [®] Hv ES

Version

Termination method	Cage-clamp 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	Not mating compatible to Han Hv $E^{^{\textcircled{B}}}$ 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

Page 1 / 3 | Creation date 2024-02-10 | 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 ¹⁰ Ω
Contact resistance	≤3 mΩ
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 ANNEX XIV substances REACH SVHC substances	Not contained Yes
REACH SVHC substances	Yes Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
REACH SVHC substances	Yes Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
REACH SVHC substances REACH SVHC substances ECHA SCIP number	Yes Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead 1e38d35d-d1be-4585-8e03-95faccd739bf
REACH SVHC substances REACH SVHC substances ECHA SCIP number California Proposition 65 substances	Yes Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead 1e38d35d-d1be-4585-8e03-95faccd739bf Yes Lead
REACH SVHC substances REACH SVHC substances ECHA SCIP number California Proposition 65 substances California Proposition 65 substances	Yes Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead 1e38d35d-d1be-4585-8e03-95faccd739bf Yes Lead Lead Nickel

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL/CSA	UL 1977 ECBT2.E235076
UL/CSA	OL 1977 EGB12.E235070

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Commercial data

Packaging size	1
Net weight	76.26 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140053250
eCl@ss	27440205 Contact insert for industrial connectors

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