

Han 6 ES-Female insert



Part number	09 33 006 2716
Specification	Han 6 ES-Female insert
HARTING eCatalogue	https://b2b.harting.com/09330062716

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

Identification

Category	Inserts
Series	Han [®] ES

Version

Termination method	Cage-clamp termination
Gender	Female
Size	6 B
Number of contacts	6
PE contact	Yes

Technical characteristics

Conductor cross-section	0.14 2.5 mm²
Conductor cross-section [AWG]	AWG 26 AWG 14
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤3 mΩ
Stripping length	7
Limiting temperature	-40 +125 °C

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Technical characteristics

Mating cycles	≥500	
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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 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 Nickel

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL / CSA	UL 1977 ECBT2.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	10.78 g

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Commercial data

Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140050846
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors