

Han 10 ES-F insert



Part number	09 33 010 2716
Specification	Han 10 ES-F insert
HARTING eCatalogue	https://b2b.harting.com/09330102716

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	10 B
Number of contacts	10
PE contact	Yes

Technical characteristics

Conductor cross-section	0.14 2.5 mm ²
Conductor cross-section	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 9 mm
Limiting temperature	-40 +125 °C



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 ELV status compliant China ROHS e REACH Annex XVII substances Not contained REACH ANNEX XIV substances Not contained REACH SVHC substances Yes REACH SVHC substances Yes REACH SCIP number 1e38d35d-d1be-4585-8e03-95faccd739bf California Proposition 65 substances Yes California Proposition 65 substances Nickel Lead Lead Nickel Lead		
Material (contacts) Surface (contacts) Silver plated 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 Yes REACH SVHC substances Lead Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate ECHA SCIP number 1e38d35d-d1be-4585-8e03-95faccd739bf California Proposition 65 substances Nickel	Material (insert)	Polycarbonate (PC)
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Nickel California Proposition 65 substances	ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
California Proposition 65 substances	California Proposition 65 substances	Yes
	California Proposition 65 substances	

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	67.4 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors