

# Han ES 10 POS. M INSERT



Part number	09 33 010 2616
Specification	Han ES 10 POS. M INSERT
HARTING eCatalogue	https://b2b.harting.com/09330102616

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

#### Identification

Category	Inserts
Series	Han <sup>®</sup> ES

## Version

Termination method	Cage-clamp termination
Gender	Male
Size	10 B
Number of contacts	10
PE contact	Yes

# **Technical characteristics**

Conductor cross-section	0.14 2.5 mm²
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 <sup>10</sup> Ω
Contact resistance	≤3 mΩ
Stripping length	7 9 mm
Limiting temperature	-40 +125 °C

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Product data sheet 09 33 010 2616 Han ES 10 POS. M INSERT



## Technical characteristics

lating cycles	≥500
aterial properties	
laterial (insert)	Polycarbonate (PC)
olour (insert)	RAL 7032 (pebble grey)
laterial (contacts)	Copper alloy
urface (contacts)	Silver plated
laterial flammability class acc. to UL 94	V-0
oHS	compliant with exemption
oHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
LV status	compliant with exemption
hina RoHS	50
EACH Annex XVII substances	Not contained
EACH ANNEX XIV substances	Not contained
EACH SVHC substances	Yes
EACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
CHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
alifornia Proposition 65 substances	Yes
alifornia Proposition 65 substances	Lead
ire protection on railway vehicles	EN 45545-2 (2020-08)
equirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

# 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	62.73 g
Country of origin	Germany

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#### Commercial data

European customs tariff number	85366990
GTIN	5713140051034
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors

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