

Han 16HvE-F-s



Part number	09 34 016 2701
Specification	Han 16HvE-F-s
HARTING eCatalogue	https://b2b.harting.com/09340162701

Identification

Category	Inserts
Series	Han Hv E®

Version

Termination method	Screw termination
Gender	Female
Size	24 B
With wire protection	Yes
Number of contacts	16
Additional contacts	+ 2 additional relay contacts
PE contact	Yes

Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm ²
Conductor cross-section	AWG 18 ... AWG 14
Rated current	16 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 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	≤1 mΩ



Technical characteristics

Limiting temperature	-40 ... +125 °C
Stripping length	7.5 mm
Tightening torque	0.5 Nm
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	112.3 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors