

## Han 16HvE-F-s



Part number	09 34 016 2701
Specification	Han 16HvE-F-s
HARTING eCatalogue	<a href="https://b2b.harting.com/09340162701">https://b2b.harting.com/09340162701</a>

### 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 <sup>2</sup>
Conductor cross-section	AWG 18 ... AWG 14
Electrical data acc. to IEC 61984	16 A 400/690 V 6 kV 3
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 <sup>10</sup> Ω
Contact resistance	≤1 mΩ
Limiting temperature	-40 ... +125 °C
Stripping length	7.5 mm
Tightening torque	0.5 Nm



## Technical characteristics

Mating cycles  $\geq 500$

## 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	6c: 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
Customs tariff number	85366990