Pushing Performance
Since 1945

Han 16HvE-F-s

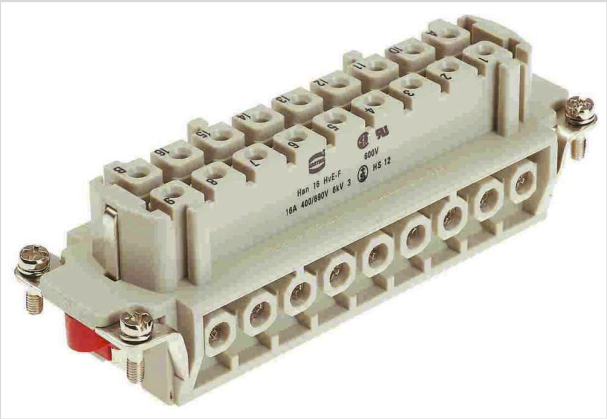


Image is for illustration purposes only. Please refer to product description.

Part number	09 34 016 2701
Specification	Han 16HvE-F-s
HARTING eCatalogue	https://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	18
Number of power contacts	16
Number of special contacts	2x Relay contact
PE contact	Yes

Technical characteristics

Conductor cross-section (mm²)	0.75 ... 2.5 mm²
Conductor cross-section (AWG)	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

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Technical characteristics

Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤1 mΩ
Stripping length	7.5 mm
Tightening torque	0.5 Nm Contact screw M3 1.2 Nm PE screw M4
Recommended screw driver	Slotted 0.6 x 3.5 Slotted 0.8 x 4.5 PH1 PH2
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

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 SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

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Specifications and approvals

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

Commercial data

Packaging size	1
Net weight	80 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140571587
eCl@ss	27440205 Contact insert for industrial connectors
UNSPSC 24.0	39121522

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