Pushing Performance
Since 1945

Han 6HsB-M-S

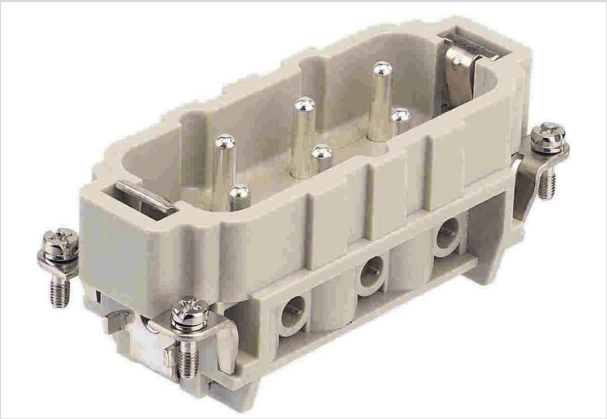


Image is for illustration purposes only. Please refer to product description.

Part number	09 31 006 2601
Specification	Han 6HsB-M-S
HARTING eCatalogue	https://harting.com/09310062601

Identification

Category	Inserts
Series	Han® HsB

Version

Termination method	Screw termination
Gender	Male
Size	16 B
With wire protection	Yes
Number of contacts	6
PE contact	Yes

Technical characteristics

Conductor cross-section (mm²)	1.5 ... 6 mm²
Rated current	35 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
Stripping length	11.5 mm

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.

Pushing Performance
Since 1945

Technical characteristics

Tightening torque	1.2 Nm Contact screw M4 2 Nm PE screw M5
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	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)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.

Pushing Performance
Since 1945

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076
	UL 2237 PVVA2.E318390
	CSA-C22.2 No. 182.3 PVVA8.E318390

Commercial data

Packaging size	1
Net weight	70 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140572249
eCl@ss	27440205 Contact insert for industrial connectors
UNSPSC 24.0	39121522

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Downloaded from Arrow.com.