

Han 6 HsB-SMC-FI-CRT



Part number	09 31 006 3101
Specification	Han 6 HsB-SMC-FI-CRT
HARTING eCatalogue	https://harting.com/09310063101

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

Identification

Category	Inserts
Series	Han [®] HsB

Version

Termination method	Crimp termination
Gender	Female
Size	16 B
Number of contacts	6
PE contact	Yes
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	1.5 10 mm²
Conductor cross-section [AWG]	AWG 16 AWG 8
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
Limiting temperature	-40 +125 °C

Page 1 / 2 | Creation date 2025-06-03 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany

Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

Mating cycles ≥500

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	е
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1
	IEC 61984

Commercial data

Packaging size	1
Net weight	66.9 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140186408
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

Page 2 / 2 | Creation date 2025-06-03 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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