

# Han 16A-M-s (33-48) wire protection



Part number	09 20 016 2616
Specification	Han 16A-M-s (33-48) wire protection
HARTING eCatalogue	https://b2b.harting.com/09200162616

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

#### Identification

Category	Inserts
Series	Han A <sup>®</sup>
Specification	Continuing marking

# Version

Termination method	Screw termination
Gender	Male
Size	32 A
With wire protection	Yes
Number of contacts	32
PE contact	Yes
Contact identification	33 48
Details	You need two inserts for a complete assembly!

# **Technical characteristics**

Conductor cross-section	0.75 2.5 mm²
Rated current	16 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤1 mΩ

Page 1 / 3 | Creation date 2022-07-28 | 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

Tightening torque	0.5 Nm
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	564b7d75-7bf6-4cfb-acb1-2168eb61b675
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
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	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076
Commercial data	
Packaging size	1
Net weight	65.6 g

Page 2 / 3 | Creation date 2022-07-28 | 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 Product data sheet 09 20 016 2616 Han 16A-M-s (33-48) wire protection



## Commercial data

Country of origin

European customs tariff number

eCl@ss

Germany

85366990

27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2022-07-28 | 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