

# Han 1A-12-c-f latch



Part number	09 10 012 3100
Specification	Han 1A-12-c-f latch
HARTING eCatalogue	https://b2b.harting.com/09100123100

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

# Identification

Category	Inserts
Series	Han <sup>®</sup> 1A

# Version

Termination method	Crimp termination
Gender	Female
Locking type	Snap-in latches
Size	1 A
Number of contacts	12
Details	Please order crimp contacts separately. Order separately the single wire seal or the hoods/housings for an IP65 performance.
Details	A Han <sup>®</sup> 1A configuration that only consists of inserts (with or without strain relief, 09 10 000 5300) is an unenclosed connector acc. to IEC 61984. In this case protection against electric shock must be provided by the installation methods of the user.

# **Technical characteristics**

Conductor cross-section	0.09 0.52 mm²
Rated current	6.5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	>10 <sup>8</sup> Ω
Limiting temperature	-30 +90 °C

Page 1 / 2 | Creation date 2020-09-16 | 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 GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



#### Technical characteristics

Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP20

#### Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	RAL 9005 (jet black)
Material (seal)	NBR
Colour (seal)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

# Specifications and approvals

	EN 45545-2 R22: HL1, HL2, HL3
	EN 45545-2 R23: HL1, HL2, HL3
Specifications	EN 45545-2 R24: HL1, HL2, HL3
	IEC 61373 Category 1 Class B
	EN 60664-1
Approvals	DNV GL

## Commercial data

Packaging size	1
Net weight	8.72 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

Page 2 / 2 | Creation date 2020-09-16 | 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 GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com