

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

Identification

Category	Inserts
Series	Han® 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® 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 mm ²
Rated current	6.5 A
Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	>10 ⁸ Ω
Limiting temperature	-30 ... +90 °C
Mating cycles	≥100



Pushing Performance

Technical characteristics

Degree of protection acc. to IEC 60529	IP20
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Material properties

Material (insert)	Polyamide
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

Specifications	EN 45545-2 R22: HL1, HL2, HL3
	EN 45545-2 R23: HL1, HL2, HL3
	EN 45545-2 R24: HL1, HL2, HL3
	IEC 61373 Category 1 Class B
	EN 60664-1
	IEC 61984
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	12 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors