

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 [®] 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. In this case protection against electric shock must be provided by the installation methods of the user. |
| | Contact inserts must not be coupled or decoupled under electrical load. |
| | Contact inserts must not be powered-up in the un-mated condition. |

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 ⁸ Ω |

Page 1 / 2 | Creation date 2021-05-20 | 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

| Limiting temperature | -30 +90 °C |
|--|------------|
| 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 |

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