

Han 1A-12-c-m latch



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

| | |
|--------------------|---|
| Part number | 09 10 012 3001 |
| Specification | Han 1A-12-c-m latch |
| HARTING eCatalogue | https://b2b.harting.com/09100123001 |

Identification

| | |
|----------|---------------------|
| Category | Inserts |
| Series | Han [®] 1A |

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Male |
| Size | 1 A |
| Number of contacts | 12 |
| Locking type | Snap-in latches |
| 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 according to IEC 61984. 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 mm ² |
| Rated current | 6.5 A |
| Rated voltage | 50 V |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Rated current acc. to UL | 5 A @ AWG 20 |



Pushing Performance

Technical characteristics

| | |
|--|----------------|
| Rated voltage acc. to UL | 30 V |
| Insulation resistance | $>10^8 \Omega$ |
| 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 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 |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 Please contact your local HARTING subsidiary for further information. |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 8.4 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Heavy Duty Power Connectors](#) category:

Click to view products by [HARTING](#) manufacturer:

Other Similar products are found below :

[6646058-2](#) [6646137-1](#) [6646138-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#) [696475-1](#) [702-32-01109](#) [73080255059](#) [73080965046](#)
[7310205040001](#) [765-16-0080B](#) [765-18-0080D](#) [902-77-02113](#) [PS00/A0620/6300](#) [AN0024023](#) [154-42B7WM250](#) [MS3117-14AC](#) [1643543-1](#)
[1766966-1](#) [1791340000](#) [NLDFT-3-BL-L-S120-M40A](#) [NLDFT-N-W-L-C240-M40B](#) [1926015-1](#) [NLS-3-BL-C240-M40B](#) [NLS-N-W-C240-](#)
[M40B](#) [NPS-3-BL-T6](#) [2-1589900-8](#) [9300480317](#) [294-0091-01100](#) [296-0040-01100](#) [1-6609148-0](#) [A32595-0049](#) [1766249-1](#) [19000005132](#)
[1926016-1](#) [1-966831-8](#) [AN0024202](#) [AN0264023](#) [279-0841-10100A](#) [281-0334-00100A](#) [RMSB4](#) [419-2083-301](#) [LCDX4/0-14B-X](#) [075-8519-](#)
[001](#) [078238-1613](#) [07.470.3256.0](#) [09000005288](#) [09140240311](#)