

## Han 1A-3+PE-s-f latch



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

|                    |   |
|--------------------|---|
| Part number        | 09 10 003 2700  |
| Specification      | Han 1A-3+PE-s-f latch   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09100032700">https://b2b.harting.com/09100032700</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Screw termination  |
| Gender             | Female   |
| Size               | 1 A  |
| Number of contacts | 3  |
| PE contact         | Yes  |
| Locking type       | Snap-in latches  |
| Details            | 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. 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           | 0.75 ... 1.5 mm <sup>2</sup> |
| Rated current                     | 10 A                         |
| Rated voltage conductor-earth     | 230 V                        |
| Rated voltage conductor-conductor | 400 V                        |
| Rated impulse voltage             | 4 kV                         |
| Pollution degree                  | 3                            |



## Technical characteristics

|  |                    |
|--|--------------------|
| Insulation resistance                  | >10 <sup>8</sup> Ω |
| Tightening torque                      | 0.25 Nm            |
| 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 (contacts)                       | Copper alloy             |
| Surface (contacts)                        | Silver plated            |
| Material (seal)                           | NBR                      |
| Colour (seal)                             | Black                    |
| Material flammability class acc. to UL 94 | V-0                      |
| RoHS                                      | compliant with exemption |
| ELV status                                | compliant with exemption |
| China RoHS                                | 50                       |
| REACH Annex XVII substances               | No                       |
| REACH ANNEX XIV substances                | No                       |
| REACH SVHC substances                     | Yes                      |
| California Proposition 65 substances      | Yes                      |

## Specifications and approvals

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

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Country of origin              | Germany  |
| European customs tariff number | 85366990 |

Product data sheet  
09 10 003 2700  
Han 1A-3+PE-s-f latch

This product is not orderable anymore. Contact your local distribution partner for alternatives.



Pushing Performance

## Commercial data

eCl@ss

27440205 Contact insert for industrial connectors

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