

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



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

|                    |   |
|--------------------|---|
| Part number        | 09 10 003 2705  |
| Specification      | Han 1A-3+PE-s-f   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09100032705">https://b2b.harting.com/09100032705</a> |

### Identification

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

### Version

|                    |  |
|--------------------|--|
| Termination method | Screw termination  |
| Gender             | Female   |
| Locking type       | Single locking lever   |
| Size               | 1 A  |
| Number of contacts | 3  |
| PE contact         | Yes  |
| Details            | Please order locking lever separately.<br>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.<br>Contact inserts must not be coupled or decoupled under electrical load.<br>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                         |



## Technical characteristics

|  |                |
|--|----------------|
| Pollution degree                       | 3              |
| Insulation resistance                  | $>10^8 \Omega$ |
| Tightening torque                      | 0.25 Nm        |
| Limiting temperature                   | -30 ... +90 °C |
| Mating cycles                          | $\geq 100$     |
| 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                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50   |
| REACH Annex XVII substances               | No   |
| REACH ANNEX XIV substances                | No   |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |

## 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    |
| Net weight     | 15 g |



Pushing Performance

## Commercial data

|                                |   |
|--------------------------------|---|
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |