

Han 1A-3+PE-c-f shielded



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

| | |
|--------------------|---|
| Part number | 09 10 003 3105 |
| Specification | Han 1A-3+PE-c-f shielded |
| HARTING eCatalogue | https://b2b.harting.com/09100033105 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| Size | 1 A |
| Shielding | With cable tie |
| Number of contacts | 3 |
| further contacts | + shielding |
| PE contact | Yes |
| Locking type | Single locking lever |
| Details | Please order crimp contacts separately. Please order locking lever separately. Order separately the hoods/housings for an IP65 performance. |

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.

Details

The Han[®] 1A insert has no conductive connection between PE-contact and shielding element. Protection against electric shock must be provided by connecting the cable shielding to a protective earth (PE).
Contact inserts must not be coupled or decoupled under electrical load.
Contact inserts must not be powered-up in the un-mated condition.

| | |
|---------------|---|
| Pack contents | Shielding element is included within the delivery |
|---------------|---|



Technical characteristics

| | |
|--|------------------------------|
| Conductor cross-section | 0.14 ... 2.5 mm ² |
| Rated current | 10 A |
| Rated voltage | 400 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ⁸ Ω |
| 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

| | |
|----------------|-------------------------------|
| 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 |
| Approvals | DNV GL |

Commercial data

| | |
|-------------------|---------|
| Packaging size | 1 |
| Net weight | 15.5 g |
| Country of origin | Germany |



Pushing Performance

Commercial data

European customs tariff number 85366990

eCl@ss 27440205 Contact insert for industrial connectors

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