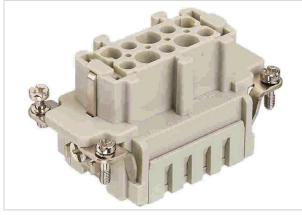


Han 10 ES-F insert



| Part number | 09 33 010 2716 |
|--------------------|---------------------------------|
| Specification | Han 10 ES-F insert |
| HARTING eCatalogue | https://harting.com/09330102716 |

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

Identification

| Category | Inserts |
|----------|---------------------|
| Series | Han [®] ES |

Version

| Termination method | Cage-clamp termination |
|--------------------|------------------------|
| Gender | Female |
| Size | 10 B |
| Number of contacts | 10 |
| PE contact | Yes |

Technical characteristics

| Conductor cross-section | 0.14 2.5 mm² |
|-------------------------------|---------------------|
| Conductor cross-section [AWG] | AWG 26 AWG 14 |
| Rated current | 16 A |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 600 V |
| Rated voltage acc. to CSA | 600 V |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤3 mΩ |
| Stripping length | 7 9 mm |
| Limiting temperature | -40 +125 °C |

Page 1 / 3 | Creation date 2025-02-11 | 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 Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Net weight

Country of origin



Technical characteristics

| Mating cycles | ≥500 |
|---|---|
| Material properties | |
| Material (insert) | Polycarbonate (PC) |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Silver plated |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead |
| ECHA SCIP number | 1e38d35d-d1be-4585-8e03-95faccd739bf |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Lead Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |
| Specifications and approvals | |
| Specifications | IEC 60664-1 IEC 61984 |
| | UL 1977 ECBT2.E235076 |
| UL / CSA | UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals | |
| Approvals | CSA-C22.2 No. 182.3 PVVA8.E318390 |
| | CSA-C22.2 No. 182.3 PVVA8.E318390 |

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Germany

Page 2 / 3 | Creation date 2025-02-11 | 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,

Product data sheet 09 33 010 2716 Han 10 ES-F insert



Commercial data

| European customs tariff number | 85366990 |
|--------------------------------|---|
| GTIN | 5713140051102 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

Page 3 / 3 | Creation date 2025-02-11 | 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 Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com