Limiting temperature



## Han ES 6B PE-CC Male

|                           |                     | Part number                 | 09 33 006 2676                      |
|---------------------------|---------------------|-----------------------------|-------------------------------------|
|                           |                     | Specification               | Han ES 6B PE-CC Male                |
|                           |                     | HARTING eCatalogue          | https://b2b.harting.com/09330062676 |
|                           |                     |                             |                                     |
|                           |                     |                             |                                     |
|                           |                     |                             |                                     |
|                           |                     |                             |                                     |
|                           |                     |                             |                                     |
| Identification            |                     |                             |                                     |
| Category                  | Inserts             |                             |                                     |
| Series                    | Han <sup>®</sup> ES |                             |                                     |
| Specification             | Cage clamp          | termination for PE connecti | on                                  |
|                           |                     |                             |                                     |
| Version                   |                     |                             |                                     |
| Termination method        | Cage-clamp          | termination                 |                                     |
| Gender                    | Male                |                             |                                     |
| Size                      | 6 B                 |                             |                                     |
| Number of contacts        | 6                   |                             |                                     |
| PE contact                | Yes                 |                             |                                     |
| <b>-</b>                  |                     |                             |                                     |
| Technical characteristics |                     |                             |                                     |
| Conductor cross-section   | 0.14 2.5 r          |                             |                                     |
| Conductor cross-section   | 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 <sup>10</sup> Ω |                             |                                     |
| Contact resistance        | ≤3 mΩ               |                             |                                     |
| Stripping length          | 7 9 mm              |                             |                                     |

Page 1 / 2 | Creation date 2022-10-27 | 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

-40 ... +125 °C



## 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                    |

## Specifications and approvals

| Specifications | IEC 60664-1<br>IEC 61984  |
|----------------|---|
| Approvals      | DNV GL  |
| UL / CSA       | UL 1977 ECBT2.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |

## Commercial data

| Packaging size                 | 1   |
|--------------------------------|---|
| Net weight                     | 51.1 g  |
| Country of origin              | China   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140186057                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |

Page 2 / 2 | Creation date 2022-10-27 | 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