

# Han F+B Hybrid Male



| Part number   | 09 15 512 3001      |
|---------------|---------------------|
| Specification | Han F+B Hybrid Male |

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

#### Identification

| Category | Inserts              |
|----------|----------------------|
| Series   | Han <sup>®</sup> F+B |

#### Version

| Termination method        | Crimp termination                       |
|---------------------------|---|
| Gender                    | Male                                    |
| Number of contacts        | 12                                      |
| Number of data contacts   | 4                                       |
| Number of signal contacts | 4                                       |
| Number of power contacts  | 4                                       |
| PE contact                | Yes                                     |
| Details                   | Please order crimp contacts separately. |
|                           | 4x Han E <sup>®</sup>                   |
|                           | 4x Han D <sup>®</sup>                   |
|                           | 4x M12 for data element                 |

## **Technical characteristics**

| Conductor cross-section        | 0.14 4 mm² |
|--------------------------------|------------|
| Rated current (signal)         | 10 A       |
| Rated voltage (signal)         | 250 V      |
| Rated impulse voltage (signal) | 4 kV       |
| Pollution degree (signal)      | 3          |
| Rated current (power)          | 20 A       |
| Rated voltage (power)          | 400 V      |

Page 1 / 2 | Creation date 2024-11-30 | 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

#### Product data sheet 09 15 512 3001 Han F+B Hybrid Male



## Technical characteristics

| Rated impulse voltage (power)             | 6 kV  |
|---|---|
| Pollution degree (power)                  | 3   |
| Transmission characteristics              | Cat. 5 Class D up to 100 MHz                      |
| Data rate                                 | 10 Mbit/s<br>100 Mbit/s                           |
| Insulation resistance                     | >10 <sup>10</sup> Ω                               |
| Limiting temperature                      | -40 +125 °C                                       |
| Mating cycles                             | ≥3,000  |
| Note on the mating cycles                 | Mating cycles with other HMC components           |
| Material properties                       |   |
| Material (insert)                         | Polycarbonate (PC)                                |
| Colour (insert)                           | RAL 7032 (pebble grey)                            |
| Material flammability class acc. to UL 94 | V-0   |
| Commercial data                           |   |
| Packaging size                            | 1   |
| Net weight                                | 15.75 g   |
| Country of origin                         | Germany   |
| European customs tariff number            | 85366990  |
| GTIN                                      | 5713140930124                                     |
| ETIM                                      | EC000438  |
| eCl@ss                                    | 27440205 Contact insert for industrial connectors |

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