

## Han F+B Hybrid Male



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

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

### 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.<br>4x Han E <sup>®</sup><br>4x Han D <sup>®</sup><br>4x M12 for data element |

### Technical characteristics

|                                |                            |
|--------------------------------|----------------------------|
| Conductor cross-section        | 0.14 ... 4 mm <sup>2</sup> |
| 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                      |



Pushing Performance  
Since 1945

## 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                   | $>10^{10} \Omega$            |
| Limiting temperature                    | -40 ... +125 °C              |
| Mating cycles                           | $\geq 500$                   |
| Mating cycles with other HMC components | $\geq 3,000$                 |

## 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 | 85389099  |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |