

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 [®] 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 [®] 4x Han D [®] 4x M12 for data element |

Technical characteristics

| | |
|--------------------------------|----------------------------|
| Conductor cross-section | 0.14 ... 4 mm ² |
| 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 100 Mbit/s |
| Insulation resistance | $>10^{10} \Omega$ |
| Limiting temperature | -40 ... +125 °C |
| Mating cycles | ≥ 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 |