



Pushing Performance  
Since 1945

# Han Brid-RJ45 C-M Hirose

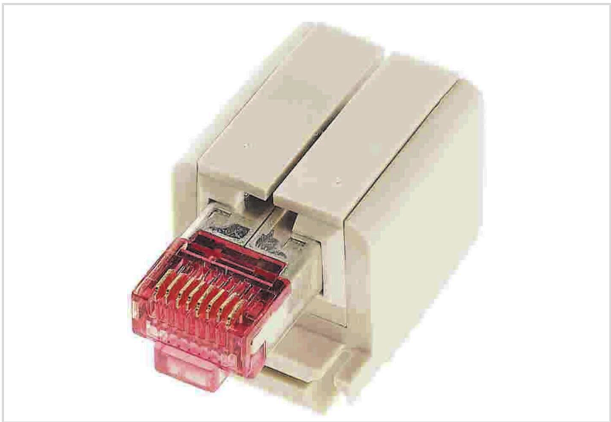


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 12 003 3031  |
| Specification      | Han Brid-RJ45 C-M Hirose  |
| HARTING eCatalogue | <a href="https://harting.com/09120033031">https://harting.com/09120033031</a> |

## Identification

|                |                          |
|----------------|--------------------------|
| Category       | Inserts                  |
| Series         | Han-Brid®                |
| Identification | Han-Brid® RJ45 C         |
| Specification  | hybrid network connector |

## Version

|                    |                  |
|--------------------|------------------|
| Gender             | Male             |
| Size               | 3 A              |
| Number of contacts | 2                |
| further contacts   | + RJ45           |
| Details            | With HIROSE RJ45 |

## Technical characteristics

|                               |                                |
|-------------------------------|--------------------------------|
| Conductor cross-section       | 0.18 ... 0.2 mm² Stranded      |
| Conductor cross-section [AWG] | AWG 25/7 ... AWG 24/7 Stranded |
| Wire outer diameter           | 0.9 ... 1 mm                   |
| Rated current                 | 10 A                           |
| Rated voltage                 | 24 V                           |
| Rated impulse voltage         | 0.8 kV                         |
| Pollution degree              | 3                              |
| Insulation resistance         | >10 <sup>10</sup> Ω            |
| Limiting temperature          | -40 ... +125 °C                |
| Mating cycles                 | ≥500                           |



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## Technical characteristics

|                |        |
|----------------|--------|
| Cable diameter | 6.6 mm |
|----------------|--------|

## Material properties

|   |   |
|---|---|
| Material (insert)                         | Polycarbonate (PC)  |
| Colour (insert)                           | RAL 7032 (pebble grey)                                    |
| 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 |
| ECHA SCIP number                          | 1e38d35d-d1be-4585-8e03-95faccd739bf                      |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Lead<br>Nickel  |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                      |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                              |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 61984  |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 15.8 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140016910                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438  |



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Commercial data

|             |          |
|-------------|----------|
| UNSPSC 24.0 | 39121522 |
|-------------|----------|

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