



Pushing Performance  
Since 1945

# Han Brid-bu-c + Cu-Bus-Modul-bu-c (G)

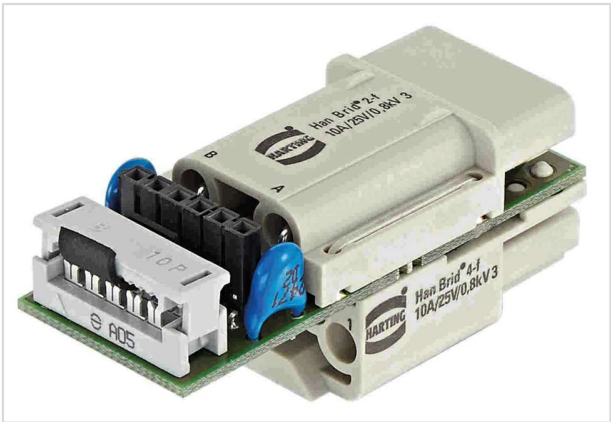


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 12 006 2701                                                                |
| Specification      | Han Brid-bu-c + Cu-Bus-Modul-bu-c (G)                                         |
| HARTING eCatalogue | <a href="https://harting.com/09120062701">https://harting.com/09120062701</a> |

## Identification

|                |                            |
|----------------|----------------------------|
| Category       | Inserts                    |
| Series         | Han-Brid®                  |
| Identification | Han-Brid® Cu               |
| Specification  | Hybrid field bus connector |

## Version

|                    |                                              |
|--------------------|----------------------------------------------|
| Gender             | Female                                       |
| Size               | 3 A                                          |
| Number of contacts | 2                                            |
| further contacts   | + 4 electrical contacts 10 A + option for PE |
| Details            | Device side                                  |

## Technical characteristics

|                       |                     |
|-----------------------|---------------------|
| Rated current         | 10 A                |
| Rated voltage         | 50 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                |

## Material properties

|                   |                    |
|-------------------|--------------------|
| Material (insert) | Polycarbonate (PC) |
|-------------------|--------------------|



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## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Colour (insert)                           | RAL 7032 (pebble grey)                                 |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| 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                 | 10                                                |
| Net weight                     | 15.86 g                                           |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140017375                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |