



Pushing Performance  
Since 1945

# Han K6/6-M-c

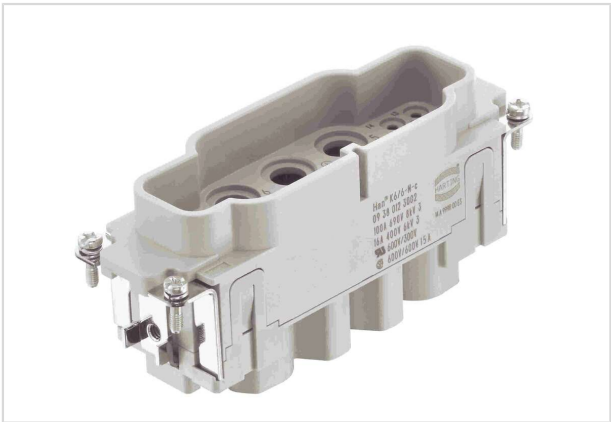


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 38 012 3002                                                                |
| Specification      | Han K6/6-M-c                                                                  |
| HARTING eCatalogue | <a href="https://harting.com/09380123002">https://harting.com/09380123002</a> |

## Identification

|                |            |
|----------------|------------|
| Category       | Inserts    |
| Series         | Han-Com®   |
| Identification | Han® K 6/6 |

## Version

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Termination method        | Crimp termination                                                               |
| Gender                    | Male                                                                            |
| Size                      | 24 B                                                                            |
| Number of contacts        | 12                                                                              |
| Number of signal contacts | 6                                                                               |
| Number of power contacts  | 6                                                                               |
| PE contact                | Yes                                                                             |
| Details                   | Please order crimp contacts separately.<br>Please order coding pins separately. |

## Technical characteristics

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Conductor cross-section (mm²)  | 10 ... 25 mm² Power<br>0.14 ... 2.5 mm² Signal |
| Wire outer diameter            | ≤12.8 mm                                       |
| Rated current (signal)         | 16 A                                           |
| Rated voltage (signal)         | 400 V                                          |
| Rated impulse voltage (signal) | 6 kV                                           |
| Pollution degree (signal)      | 3                                              |



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## Technical characteristics

|                               |                          |
|-------------------------------|--------------------------|
| Rated current (power)         | 100 A                    |
| Rated voltage (power)         | 690 V                    |
| Rated impulse voltage (power) | 8 kV                     |
| Pollution degree (power)      | 3                        |
| Insulation resistance         | $>10^{10} \Omega$        |
| Tightening torque             | 2 Nm PE screw M5         |
| Recommended screw driver      | Slotted 0.8 x 4.5<br>PH2 |
| Limiting temperature          | -40 ... +125 °C          |
| Mating cycles                 | $\geq 500$               |

## 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                     | Not contained                       |
| California Proposition 65 substances      | Not contained                       |
| 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 60664-1<br>IEC 61984 |
| Approvals      | DNV GL                   |

## Commercial data

|                   |          |
|-------------------|----------|
| Packaging size    | 1        |
| Net weight        | 102.75 g |
| Country of origin | Romania  |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140186439                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |