

## Han K 3/2 Pos. Female Insert Screw Term.

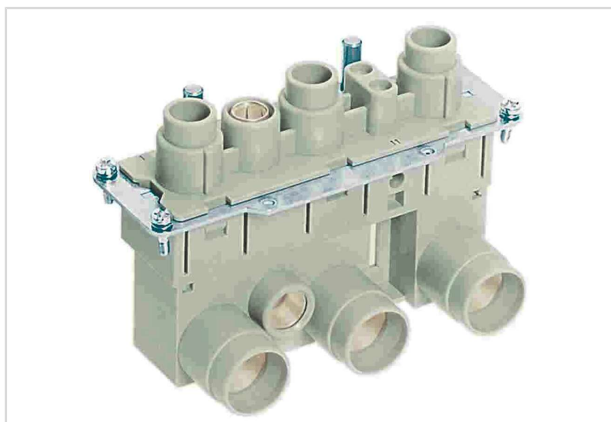


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 38 005 2702                                                                |
| Specification      | Han K 3/2 Pos. Female Insert Screw Term.                                      |
| HARTING eCatalogue | <a href="https://harting.com/09380052702">https://harting.com/09380052702</a> |

### Identification

|                |            |
|----------------|------------|
| Category       | Inserts    |
| Series         | Han-Com®   |
| Identification | Han® K 3/2 |
| Specification  | Angled     |

### Version

|                           |                                             |
|---------------------------|---------------------------------------------|
| Termination method        | Axial screw termination / screw termination |
| Gender                    | Female                                      |
| Size                      | 24 B                                        |
| Number of contacts        | 5                                           |
| Number of signal contacts | 2                                           |
| Number of power contacts  | 3                                           |
| PE contact                | Yes                                         |

### Technical characteristics

|                                |                        |
|--------------------------------|------------------------|
| Conductor cross-section (mm²)  | 35 ... 70 mm² Power    |
|                                | 0.5 ... 2.5 mm² Signal |
|                                | 25 ... 40 mm² PE       |
| Rated current (signal)         | 16 A                   |
| Rated voltage (signal)         | 400 V                  |
| Rated impulse voltage (signal) | 6 kV                   |
| Pollution degree (signal)      | 3                      |
| Rated current (power)          | 200 A                  |



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## Technical characteristics

|                                           |                            |
|-------------------------------------------|----------------------------|
| Rated voltage conductor-earth (Power)     | 1,150 V                    |
| Rated voltage conductor-conductor (Power) | 2,000 V                    |
| Rated impulse voltage (power)             | 8 kV                       |
| Pollution degree (power)                  | 3                          |
| Rated current acc. to UL (signal)         | 16 A                       |
| Rated voltage acc. to UL (signal)         | 600 V                      |
| Rated current acc. to UL (Power)          | 200 A                      |
| Rated voltage acc. to UL (Power)          | 600 V                      |
| Rated current acc. to CSA (signal)        | 16 A                       |
| Rated voltage acc. to CSA (signal)        | 600 V                      |
| Rated current acc. to CSA (Power)         | 16 A                       |
| Rated voltage acc. to CSA (Power)         | 600 V                      |
| Insulation resistance                     | $>10^{10} \Omega$          |
| Contact resistance                        | $\leq 0.2 \text{ m}\Omega$ |
| Contact resistance, signal area           | $\leq 1 \text{ m}\Omega$   |
| Stripping length                          | 22 mm                      |
|                                           | 7 mm Signal contacts       |
|                                           | 14 mm PE contact           |
| Tightening torque                         | 8 Nm @ 35 mm <sup>2</sup>  |
|                                           | 9 Nm @ 50 mm <sup>2</sup>  |
|                                           | 10 Nm @ 70 mm <sup>2</sup> |
|                                           | 0.5 Nm Signal contacts     |
|                                           | 6 Nm PE contact            |
|                                           | 0.5 Nm Fixing screws M3    |
| Recommended screw driver                  | Slotted 0.6 x 3.5<br>PH2   |
| Limiting temperature                      | -40 ... +125 °C            |
| Mating cycles                             | $\geq 500$                 |

## Material properties

|                                           |                          |
|-------------------------------------------|--------------------------|
| Material (insert)                         | Polycarbonate (PC)       |
| Colour (insert)                           | RAL 7032 (pebble grey)   |
| Material (contacts)                       | Copper alloy             |
| Surface (contacts)                        | Silver plated            |
| Material flammability class acc. to UL 94 | V-0                      |
| RoHS                                      | compliant with exemption |



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## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| 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 60664-1<br>IEC 61984                                   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL                                                     |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 411 g                                             |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140056183                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |