



Pushing Performance  
Since 1945

# Han 6E insert male crimp

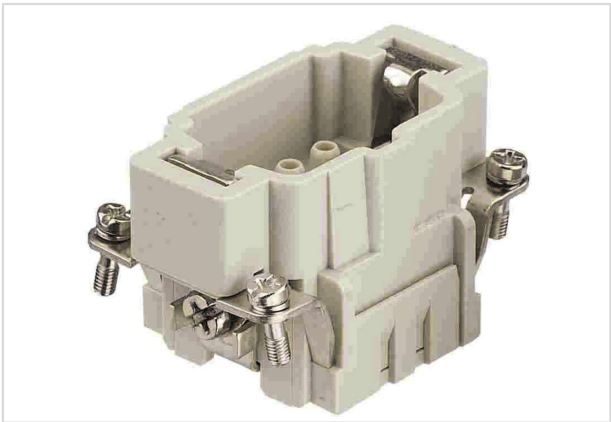


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 006 2602                                                                |
| Specification      | Han 6E insert male crimp                                                      |
| HARTING eCatalogue | <a href="https://harting.com/09330062602">https://harting.com/09330062602</a> |

## Identification

|          |                    |
|----------|--------------------|
| Category | Inserts            |
| Series   | Han E <sup>®</sup> |

## Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Male                                    |
| Size               | 6 B                                     |
| Number of contacts | 6                                       |
| PE contact         | Yes                                     |
| Details            | Please order crimp contacts separately. |

## Technical characteristics

|                                            |                            |
|--------------------------------------------|----------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 0.14 ... 4 mm <sup>2</sup> |
| Conductor cross-section (AWG)              | AWG 26 ... AWG 12          |
| Rated current                              | 16 A                       |
| Rated voltage                              | 500 V                      |
| Rated impulse voltage                      | 6 kV                       |
| Pollution degree                           | 3                          |
| Rated voltage acc. to UL                   | 600 V                      |
| Rated voltage acc. to CSA                  | 600 V                      |
| Insulation resistance                      | >10 <sup>10</sup> Ω        |
| Tightening torque                          | 1.2 Nm PE screw M4         |



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## Technical characteristics

|                          |                          |
|--------------------------|--------------------------|
| Recommended screw driver | Slotted 0.8 x 4.5<br>PH2 |
| Limiting temperature     | -40 ... +125 °C          |
| Mating cycles            | ≥500                     |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| 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                                                   |
| 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>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL                                                                              |

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 1       |
| Net weight        | 32 g    |
| Country of origin | Germany |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140050730                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |