

## Han 24E F insert screw (25-48)

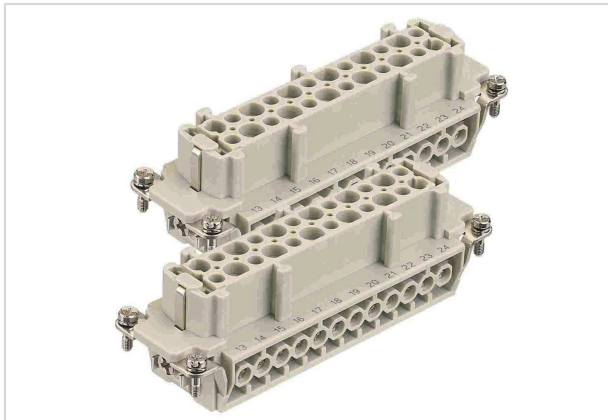


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 024 2711                                                                |
| Specification      | Han 24E F insert screw (25-48)                                                |
| HARTING eCatalogue | <a href="https://harting.com/09330242711">https://harting.com/09330242711</a> |

### Identification

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

### Version

|                        |                                               |
|------------------------|-----------------------------------------------|
| Termination method     | Screw termination                             |
| Gender                 | Female                                        |
| Size                   | 48 B                                          |
| With wire protection   | Yes                                           |
| Number of contacts     | 48                                            |
| PE contact             | Yes                                           |
| Contact identification | 25 ... 48                                     |
| Details                | You need two inserts for a complete assembly! |

### Technical characteristics

|                                            |                              |
|--------------------------------------------|------------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 0.75 ... 2.5 mm <sup>2</sup> |
| Conductor cross-section (AWG)              | AWG 18 ... AWG 14            |
| 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                        |



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## Technical characteristics

|                          |                          |
|--------------------------|--------------------------|
| Insulation resistance    | $>10^{10} \Omega$        |
| Contact resistance       | $\leq 1 \text{ m}\Omega$ |
| Stripping length         | 7.5 mm                   |
| Tightening torque        | 0.5 Nm Contact screw M3  |
|                          | 0.5 Nm Fixing screws M3  |
|                          | 1.2 Nm PE screw M4       |
| Recommended screw driver | Slotted 0.6 x 3.5        |
|                          | Slotted 0.8 x 4.5        |
|                          | PH1                      |
|                          | 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                               |
| 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                                                   |
|                                           | Nickel                                                 |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)                    |
| Requirement set with Hazard Levels        | R22 (HL 1-3)                                           |
|                                           | R23 (HL 1-3)                                           |



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## Specifications and approvals

|                |                                   |
|----------------|-----------------------------------|
| Specifications | IEC 60664-1                       |
|                | IEC 61984                         |
| UL / CSA       | UL 1977 ECBT2.E235076             |
|                | UL 2237 PVVA2.E318390             |
|                | CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL                            |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 24 g                                              |
| Country of origin              | Germany                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140052000                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |