



Pushing Performance  
Since 1945

# Han 16A-STI-S (17-32)

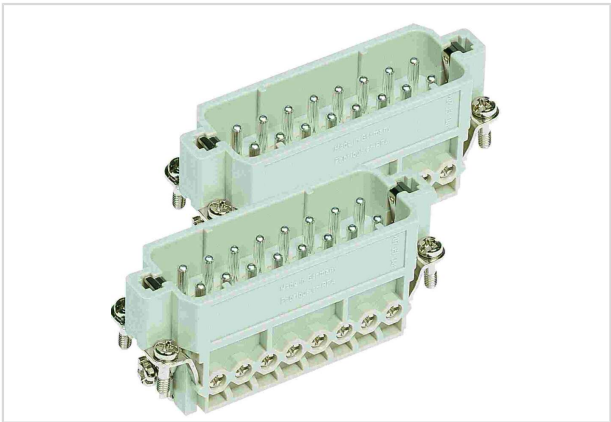


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 20 016 2613                                                                        |
| Specification      | Han 16A-STI-S (17-32)                                                                 |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09200162613">https://b2b.harting.com/09200162613</a> |

## Identification

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

## Version

|                        |                                               |
|------------------------|-----------------------------------------------|
| Termination method     | Screw termination                             |
| Gender                 | Male                                          |
| Size                   | 32 A                                          |
| Number of contacts     | 32                                            |
| PE contact             | Yes                                           |
| Contact identification | 17 ... 32                                     |
| Details                | You need two inserts for a complete assembly! |

## Technical characteristics

|                          |                              |
|--------------------------|------------------------------|
| Conductor cross-section  | 0.75 ... 2.5 mm <sup>2</sup> |
| Rated current            | 16 A                         |
| Rated voltage            | 250 V                        |
| Rated impulse voltage    | 4 kV                         |
| Pollution degree         | 3                            |
| Rated voltage acc. to UL | 600 V                        |
| Insulation resistance    | >10 <sup>10</sup> Ω          |
| Contact resistance       | ≤1 mΩ                        |
| Tightening torque        | 0.5 Nm                       |



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## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| Limiting temperature | -40 ... +125 °C |
| Mating cycles        | ≥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                          | 564b7d75-7bf6-4cfb-acb1-2168eb61b675                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| 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     | 55 g |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140039810                                     |
| ETIM                           | EC000438                                          |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |