

## Han TC100 male contact ax (16-35mm<sup>2</sup>) AG



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 11 000 6113                                                                |
| Specification      | Han TC100 male contact ax (16-35mm <sup>2</sup> ) AG                          |
| HARTING eCatalogue | <a href="https://harting.com/09110006113">https://harting.com/09110006113</a> |

### Identification

|                 |                     |
|-----------------|---------------------|
| Category        | Contacts            |
| Series          | TC 100              |
| Type of contact | Axial screw contact |

### Version

|                       |                         |
|-----------------------|-------------------------|
| Termination method    | Axial screw termination |
| Gender                | Male                    |
| Manufacturing process | Turned contacts         |

### Technical characteristics

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| Conductor cross-section | 16 ... 35 mm <sup>2</sup>                                                           |
| Rated current           | ≤100 A                                                                              |
| Contact resistance      | ≤0.3 mΩ                                                                             |
| Stripping length        | 13 mm                                                                               |
| Tightening torque       | 6 Nm @ 16 mm <sup>2</sup><br>7 Nm @ 25 mm <sup>2</sup><br>8 Nm @ 35 mm <sup>2</sup> |
| Limiting temperature    | -40 ... +125 °C                                                                     |
| Mating cycles           | ≥500                                                                                |

### Material properties

|                     |                          |
|---------------------|--------------------------|
| Material (contacts) | Copper alloy             |
| Surface (contacts)  | Silver plated            |
| RoHS                | compliant with exemption |



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## Material properties

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS exemptions                      | 6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight<br>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                     | b51e5b97-eeb5-438b-8538-f1771d43c17d                                                                                                                                                                                                                                                                                                                                                            |
| California Proposition 65 substances | Yes                                                                                                                                                                                                                                                                                                                                                                                             |
| California Proposition 65 substances | Lead<br>Nickel                                                                                                                                                                                                                                                                                                                                                                                  |

## Specifications and approvals

|                |                          |
|----------------|--------------------------|
| Specifications | IEC 60664-1<br>IEC 61984 |
|----------------|--------------------------|

## Commercial data

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Packaging size                 | 10                                         |
| Net weight                     | 18 g                                       |
| Country of origin              | Germany                                    |
| European customs tariff number | 85366990                                   |
| GTIN                           | 5713140014930                              |
| eCl@ss                         | 27440204 Contact for industrial connectors |
| ETIM                           | EC000796                                   |
| UNSPSC 24.0                    | 39121522                                   |