

# Han TC650 male contact 120mm<sup>2</sup>



| Part number        | 09 11 000 6163                            |
|--------------------|---|
| Specification      | Han TC650 male contact 120mm <sup>2</sup> |
| HARTING eCatalogue | https://b2b.harting.com/09110006163       |

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

#### Identification

| Category        | Contacts      |
|-----------------|---------------|
| Series          | TC 650        |
| Type of contact | Crimp contact |

### Version

| Gender                | Male  |
|-----------------------|---|
| Manufacturing process | Turned contacts   |
| Details               | The vibration and shock resistance can only be met if the cables are fixed at an appropriate distance. Instructions for the spacing of strain relief can be found in the document in eCatalogue under the section Instructions. |

## **Technical characteristics**

| Conductor cross-section | 120 mm <sup>2</sup>           |
|-------------------------|-------------------------------|
| Rated current           | ≤650 A                        |
| Contact resistance      | ≤0.3 mΩ                       |
| Stripping length        | 42 mm                         |
| Limiting temperature    | -40 +125 °C                   |
| Mating cycles           | ≥500                          |
| Vibration resistance    | Category 1B acc. to IEC 61373 |
| Shock resistance        | Category 1B acc. to IEC 61373 |
| Material properties     |                               |
| Material (contacts)     | Copper alloy                  |

 Material (contacts)
 Copper alloy

 Surface (contacts)
 Silver plated

Page 1 / 2 | Creation date 2023-09-13 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



#### Material properties

| 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                     | 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                 | 1  |
| Net weight                     | 168 g                                      |
| Country of origin              | Germany                                    |
| European customs tariff number | 85359000                                   |
| GTIN                           | 5713140015203                              |
| ETIM                           | EC000796                                   |
| eCl@ss                         | 27440204 Contact for industrial connectors |