

# Product data sheet

## Characteristics

# KTC1000ET43F

Straight transport length, Canalis KTC, copper, 1000A, 3L+N+PE, made to measure length 3.5-4m, white RAL9001



### Main

|                                |                                |
|--------------------------------|--------------------------------|
| Range                          | Canalis                        |
| Product name                   | KT                             |
| Product or component type      | Busbar trunking                |
| Busbar description             | Transport length               |
| Device short name              | KTC                            |
| Device application             | Feeder length                  |
| Material                       | Copper                         |
| [Ie] rated operational current | 1000 A at 35 °C                |
| Polarity                       | 3L + N + PE                    |
| Number of tap-off outlets      | 0                              |
| Earth conductor                | Standard earth                 |
| Short-circuit level            | Standard version               |
| Length                         | 3500...3999 mm                 |
| Provided equipment             | Jointing unit<br>Trunking unit |

### Complementary

|  |  |
|--|--|
| Housing material                         | Polyester film   |
| Contacts material                        | Copper   |
| [Ue] rated operational voltage           | 1000 V   |
| Network frequency                        | 50/60 Hz   |
| [Ui] rated insulation voltage            | 1000 V   |
| [Icw] rated short-time withstand current | 50 kA  |
| [Ipk] rated peak withstand current       | 110 kA   |
| Radiated magnetic field                  | 0.4 µT   |
| Thermal stress limit                     | 2500000 kA <sup>2</sup> .s   |
| THDI                                     | 0...15 % 1000 A  |
| Maximum voltage drop                     | <0.0043 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0047 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0046 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0044 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode                            | By hook  |
| Mounting support                         | Pendant<br>Cantilever arm  |
| Installation direction                   | Vertical<br>Horizontal   |
| Neutral position                         | Right  |
| Standards                                | IEC 61439-1<br>IEC 61439-6   |
| Dimension type                           | Made to measure  |
| Width                                    | 146 mm   |
| Height                                   | 104 mm   |
| Colour                                   | White (RAL 9001)   |
| Linear load                              | 25 kg/m  |

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## Environment

|                         |   |
|-------------------------|---|
| IP degree of protection | IP55 conforming to IEC 60529  |
| IK degree of protection | IK08 conforming to IEC 62262  |
| Derating factor         | 0...35 °C (100 % of $I_n$ )<br>35...40 °C (95 % of $I_n$ )<br>40...45 °C (90 % of $I_n$ )<br>45...50 °C (84 % of $I_n$ )<br>50...55 °C (79 % of $I_n$ ) |
|                         |   |
|                         |   |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 264.16 cm |
| Package 1 Width              | 14.6 cm   |
| Package 1 Length             | 400.0 cm  |
| Package 1 Weight             | 97.0 kg   |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>          |
| RoHS exemption information |  Yes  |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |