



### Main

|                                |                                |
|--------------------------------|--------------------------------|
| Range                          | Canalis                        |
| Product name                   | KT                             |
| Product or component type      | Expansion unit                 |
| Busbar description             | Flexible bar                   |
| Device short name              | KTC                            |
| Device application             | Feeder length                  |
| Material                       | Copper                         |
| [Ie] rated operational current | 6300 A at 35 °C                |
| Polarity                       | 3L + PE                        |
| Number of tap-off outlets      | 0                              |
| Length                         | 1000 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 | 120 kA                                                                                                                                                                                                                                                                            |
| [Ipk] rated peak withstand current       | 264 kA                                                                                                                                                                                                                                                                            |
| Radiated magnetic field                  | 4.5 µT                                                                                                                                                                                                                                                                            |
| Thermal stress limit                     | 14400000 kA².s                                                                                                                                                                                                                                                                    |
| THDI                                     | 33...100 % 4000 A<br>15...33 % 5000 A<br>0...15 % 6300 A                                                                                                                                                                                                                          |
| Maximum voltage drop                     | <0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0007 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                                                                                                                                                                                                                                                            |
| Horizontal distance                      | 30 m                                                                                                                                                                                                                                                                              |
| Neutral position                         | Right                                                                                                                                                                                                                                                                             |
| Standards                                | IEC 61439-1<br>IEC 61439-6                                                                                                                                                                                                                                                        |
| Dimension type                           | Fix                                                                                                                                                                                                                                                                               |
| Width                                    | 140 mm                                                                                                                                                                                                                                                                            |
| Height                                   | 618 mm                                                                                                                                                                                                                                                                            |
| Colour                                   | White (RAL 9001)                                                                                                                                                                                                                                                                  |
| Linear load                              | 102 kg/m                                                                                                                                                                                                                                                                          |

## 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 In)<br>35...40 °C (95 % of In)<br>40...45 °C (90 % of In)<br>45...50 °C (84 % of In)<br>50...55 °C (79 % of In) |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 14.0 cm  |
| Package 1 Width              | 62.2 cm  |
| Package 1 Length             | 100.0 cm |
| Package 1 Weight             | 106.0 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 | <a href="#"> Yes</a>                            |
| 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       |