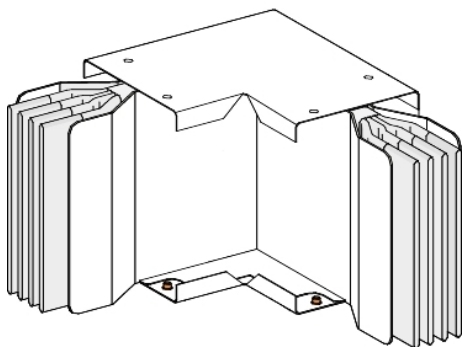


# KTC1600LP5E2

Flat elbow, Canalis KTC, copper, 1600A, 3L+N+PER (Al), N2, 2 made to measure branches, right angle



## Main

|                                |                               |
|--------------------------------|-------------------------------|
| Range                          | Canalis                       |
| Product name                   | KT                            |
| Product or component type      | Elbow                         |
| Busbar description             | Standard                      |
| Device short name              | KTC                           |
| Device application             | Change direction              |
| Material                       | Copper                        |
| [Ie] rated operational current | 1600 A at 35 °C               |
| Polarity                       | 3L + N + PER                  |
| Direction change type          | Direction 1: flat to right    |
| Operating angle                | 90 °                          |
| Earth conductor                | Reinforced                    |
| Short-circuit level            | Standard version              |
| Provided equipment             | Joining 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 | 65 kA  |
| [Ipk] rated peak withstand current       | 143 kA   |
| Radiated magnetic field                  | 0.75 µT  |
| Thermal stress limit                     | 4225000 kA².s  |
| THDI                                     | 0...15 % 1600 A<br>15...33 % 1350 A<br>33...100 % 1000 A   |
| Maximum voltage drop                     | <0.0027 V with power factor = 0.7 at 50 Hz with 1A for 100 m long<br><0.0026 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0029 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0028 V with power factor = 0.8 at 50 Hz with 1A for 100 m long |
| Neutral position                         | Left   |
| Standards                                | IEC 61439-1<br>IEC 61439-6   |
| Dimension type                           | Made to measure  |
| Width                                    | 140 mm   |
| Height                                   | 124 mm   |
| Length                                   | Direction 1: 301...600 mm<br>Direction 2: 301...1000 mm  |
| Colour                                   | White (RAL 9001)   |
| Linear load                              | 39 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 In)      |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 12.4 cm  |
| Package 1 Width              | 65.0 cm  |
| Package 1 Length             | 105.0 cm |
| Package 1 Weight             | 65.52 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     |