



Main

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|--------------------------------|---|
| Range | Canalis |
| Product name | KT |
| Product or component type | Multiple elbow |
| Busbar description | Standard |
| Device short name | KTC |
| Device application | Change direction |
| Material | Copper |
| [Ie] rated operational current | 6300 A at 35 °C |
| Polarity | 3L + N + PE |
| Direction change type | Direction 1: flat to right Direction 2: edgewise to upward |
| Operating angle | 90 ° |
| Earth conductor | Reinforced |
| Short-circuit level | Reinforced version |
| Provided equipment | Trunking unit Joining unit |

Complementary

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|--|---|
| 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 15...33 % 5000 A 0...15 % 6300 A |
| Maximum voltage drop | <0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0007 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Neutral position | Left |
| Standards | IEC 61439-1 IEC 61439-6 |
| Dimension type | Made to measure |
| Width | 140 mm |
| Height | Direction 2: 468...847 mm |
| Colour | White (RAL 9001) |
| Length | Direction 1: 300 mm Direction 3: 548 mm |
| Linear load | 128 kg/m |

Environment

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|-------------------------|---|
| 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) 35...40 °C (95 % of In) 40...45 °C (90 % of In) 45...50 °C (84 % of In) 50...55 °C (79 % of In) |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 35.0 cm |
| Package 1 Width | 136.0 cm |
| Package 1 Length | 89.2 cm |
| Package 1 Weight | 204.8 kg |

Offer Sustainability

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