



Main

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|--------------------------------|---------------------------------|
| Range | Canalis |
| Product name | KT |
| Product or component type | Elbow |
| Busbar description | Standard |
| Device short name | KTA |
| Device application | Change direction |
| Material | Aluminium |
| [Ie] rated operational current | 4000 A at 35 °C |
| Polarity | 3L + PE |
| Direction change type | Direction 1: edgewise to upward |
| Operating angle | 90 ° |
| Earth conductor | Standard earth |
| Short-circuit level | Standard version |
| Provided equipment | Joining unit Trunking 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 | 90 kA |
| [Ipk] rated peak withstand current | 198 kA |
| Radiated magnetic field | 3 μT |
| Thermal stress limit | 8100000 kA ² .s |
| THDI | 0...15 % 4000 A |
| Maximum voltage drop | <0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0016 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Neutral position | Right |
| Standards | IEC 61439-6 IEC 61439-1 |
| Dimension type | Made to measure short branch |
| Width | 140 mm |
| Height | 404 mm |
| Length | Direction 1: 440 mm Direction 2: 441...939 mm |
| Colour | White (RAL 9001) |
| Linear load | 38 kg/m |

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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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In) |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 14.0 cm |
| Package 1 Width | 118.2 cm |
| Package 1 Length | 118.2 cm |
| Package 1 Weight | 55.022 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 |