



Main

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|--------------------------------|---|
| Range | Canalis |
| Product name | KT |
| Product or component type | Flatwise elbow feeder trunking |
| Device short name | KTA |
| Device application | Feeder length |
| Supply | Switchboard Oil-immersed transformer |
| Material | Aluminium |
| [Ie] rated operational current | 5000 A at 35 °C |
| Neutral position | Down |
| Direction change type | Direction 1: edgewise to left |
| Earth conductor | Reinforced |
| Short-circuit level | Standard version |
| Provided equipment | 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 | 120 kA |
| [Ipk] rated peak withstand current | 264 kA |
| Radiated magnetic field | 3.8 µT |
| Thermal stress limit | 14400000 kA ² .s |
| THDI | 0...15 % 5000 A 15...33 % 4000 A 33...100 % 3200 A |
| Maximum voltage drop | <0.0012 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00125 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0012 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0011 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode | By screws |
| Mounting support | Plate |
| Polarity | 3L + N + PER |
| Number of tap-off outlets | 0 |
| Standards | IEC 61439-6 IEC 61439-1 |
| Dimension type | Made to measure |
| Connection pitch | 80...250 mm |
| Depth | 350 mm |
| Height | Direction 1: 200...534 mm |
| Length | Direction 2: 300 mm |
| Colour | White (RAL 9001) |
| Linear load | 72 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) |
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Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 57.25 cm |
| Package 1 Width | 72.6 cm |
| Package 1 Length | 73.4 cm |
| Package 1 Weight | 162.8 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| 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 |