

Product data sheet

Characteristics

KTA2500ET72C

Straight transport length, Canalis KTA, aluminium, 2500A, 3L+N+PER (Cu), high Icw, made to measure 2-2.5m, RAL9001



Main

| | |
|--------------------------------|--------------------------------|
| Range | Canalis |
| Product name | KT |
| Product or component type | Busbar trunking |
| Busbar description | Transport length |
| Device short name | KTA |
| Device application | Feeder length |
| Material | Aluminium |
| [Ie] rated operational current | 2500 A at 35 °C |
| Polarity | 3L + N + PER |
| Number of tap-off outlets | 0 |
| Earth conductor | Reinforced |
| Short-circuit level | Reinforced version |
| Length | 2001...2500 mm |
| Provided equipment | Jointing unit 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 | 113 kA |
| [Ipk] rated peak withstand current | 248 kA |
| Radiated magnetic field | 1.6 µT |
| Thermal stress limit | 12769000 kA ² .s |
| THDI | 0...15 % 2500 A 15...33 % 3200 A 33...100 % 4000 A |
| Maximum voltage drop | <0.0024 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0025 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0024 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0022 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode | By hook |
| Mounting support | Cantilever arm Pendant |
| Installation direction | Horizontal Vertical |
| Neutral position | Right |
| Standards | IEC 61439-6 IEC 61439-1 |
| Dimension type | Made to measure |
| Width | 146 mm |
| Height | 274 mm |

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| | |
|-------------|------------------|
| Colour | White (RAL 9001) |
| Linear load | 36 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 (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 | 695.96 cm |
| Package 1 Width | 14.6 cm |
| Package 1 Length | 250.0 cm |
| Package 1 Weight | 94.5 kg |

Offer Sustainability

| | |
|----------------------------|---|
| 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 |