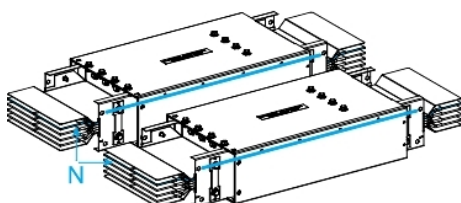


KTC6300DB710

Straight expansion unit, Canalis KTC, copper, 6300A, 3L+N+PER (Cu), high I_{cw}, fixed length 1m, white RAL9001



Main

| | |
|---|-------------------------------|
| Range | Canalis |
| Product name | KT |
| Product or component type | Expansion unit |
| Busbar description | Flexible bar |
| Device short name | KTC |
| Device application | Feeder length |
| Material | Copper |
| [I _e] rated operational current | 6300 A at 35 °C |
| Polarity | 3L + N + PER |
| Number of tap-off outlets | 0 |
| Length | 1000 mm |
| Provided equipment | Joining unit Trunking unit |

Complementary

| | |
|---|---|
| Housing material | Polyester film |
| Contacts material | Copper |
| [U _e] rated operational voltage | 1000 V |
| Network frequency | 50/60 Hz |
| [U _i] rated insulation voltage | 1000 V |
| [I _{cw}] rated short-time withstand current | 120 kA |
| [I _{pk}] rated peak withstand current | 264 kA |
| Radiated magnetic field | 4.5 µT |
| Thermal stress limit | 14400000 kA ² .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 |
| Mounting mode | By hook |
| Mounting support | Pendant Cantilever arm |
| Installation direction | Horizontal Vertical |
| Horizontal distance | 30 m |
| Neutral position | Right |
| Earth conductor | Reinforced |
| Standards | IEC 61439-1 IEC 61439-6 |
| Dimension type | Fix |
| Width | 140 mm |
| Height | 618 mm |

| | |
|-------------|------------------|
| Colour | White (RAL 9001) |
| Linear load | 142 kg/m |

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) 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

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 14.0 cm |
| Package 1 Width | 62.2 cm |
| Package 1 Length | 100.0 cm |
| Package 1 Weight | 134.0 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 |