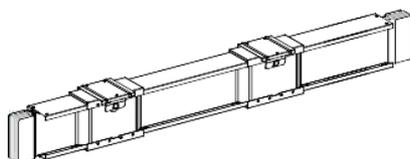


KTA1250EB740

Straight length, Canalis KTA, aluminium, 1250A, 3L+N+PER, high I_{cw}, fixed length 4m, 2 outlets for bolt on tap off unit



Main

| | |
|---|--|
| Range | Canalis |
| Product name | KT |
| Product or component type | Busbar trunking |
| Busbar description | Distribution length |
| Device short name | KTA |
| Tap-off unit compatibility | Bolt-on tap-off unit from Canalis - KT |
| Device application | High power distribution |
| Material | Aluminium |
| [I _e] rated operational current | 1250 A at 35 °C |
| Polarity | 3L + N + PER |
| Number of tap-off outlets | 2 |
| Nominal output current | 400...1250 A |
| Earth conductor | Reinforced |
| Short-circuit level | Reinforced version |
| Length | 4000 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 | 65 kA |
| [I _{pk}] rated peak withstand current | 143 kA |
| Electrical connection | Bolted connection |
| Radiated magnetic field | 0.75 μT |
| Thermal stress limit | 4225000 kA ² .s |
| THDI | 0...15 % 1250 A 15...33 % 1600 A 33...100 % 2000 A |
| Maximum voltage drop | <0.0049 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0043 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 |
| Neutral position | Right |
| Tap-off unit interval | 2000 mm |
| Standards | IEC 61439-6 IEC 61439-1 |
| Dimension type | Fix |

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| | |
|-------------|------------------|
| Width | 140 mm |
| Height | 124 mm |
| Colour | White (RAL 9001) |
| Net weight | 84 kg |
| Linear load | 21 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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In) |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 12.4 cm |
| Package 1 Width | 400.0 cm |
| Package 1 Length | 14.0 cm |
| Package 1 Weight | 105.0 kg |