# KTA2500TN410
## KT 4X2500AL NEUTRAL PERMUTA

Green Premium™



## Main

| | |
|---|---|
| Range | Canalis |
| Product name | KT |
| Product or component type | Busbar trunking |
| Busbar description | Neutral permutation length |
| Device short name | KTA |
| Device application | Feeder length |
| Material | Aluminium |
| [Ie] rated operational current | 2500 A at 35 °C |
| Polarity | 3L + N + PE |
| Number of tap-off outlets | 0 |
| Length | 1000 mm |
| Provided equipment | Jointing unit<br>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 | 80 kA |
| [Ipk] rated peak withstand current | 176 kA |
| Radiated magnetic field | 1.6 µT |
| Thermal stress limit | 6400000 kA².s |
| THDI | 0…15 % 2500 A<br>15…33 % 3200 A<br>33…100 % 4000 A |
| Maximum voltage drop | <0.0024 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0025 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0024 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0022 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode | By hook |
| Mounting support | Pendant<br>Cantilever arm |
| Installation direction | Vertical<br>Horizontal |
| Marking | Left side: L1 L2 L3 N<br>Right side: N L1 L2 L3 |
| Earth conductor | Standard earth |
| Short-circuit level | Standard version |
| Standards | IEC 61439-1<br>IEC 61439-6 |
| Dimension type | Fix |
| Width | 140 mm |
| Height | 244 mm |
| Colour | White (RAL 9001) |
| Linear load | 30 kg/m |

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## 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)<br>35…40 °C (97 % of In)<br>40…45 °C (93 % of In)<br>45…50 °C (90 % of In)<br>50…55 °C (86 % of In) |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 26.8 cm |
| Package 1 Width | 100.0 cm |
| Package 1 Length | 13.6 cm |
| Package 1 Weight | 33.0 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 |