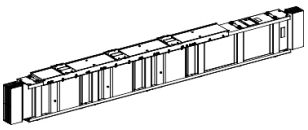
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# Product datasheet

Specifications



## CANALIS KT 4X2500AL PLUG-IN LENGTH 4M

KTA2500ED4403

## Main

| | |
|---|---|
| **Range** | Canalis |
| **Product name** | KT |
| **Product or component type** | Busbar trunking |
| **Busbar description** | Distribution length |
| **Device short name** | KTA |
| **tap-off unit compatibility** | Plug-in tap-off unit from Canalis KS<br>Plug-in tap-off unit from Canalis KT |
| **Device application** | High power distribution |
| **Material** | Aluminium |
| **[Ie] rated operational current** | 2500 A at 35 °C |
| **polarity** | 3L + N + PE |
| **Number of tap-off outlets** | 3 |
| **Nominal output current** | 25…630 A |
| **earth conductor** | Standard earth |
| **short-circuit level** | Standard version |
| **Length** | 4000 mm |
| **Provided equipment** | Trunking unit<br>Jointing 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 |
| **Electrical connection** | Sliding contact |
| **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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| | |
|---|---|
| **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** | Horizontal<br>Vertical |
| **Neutral position** | Right |
| **Tap-off unit interval** | 880 mm |
| **Standards** | IEC 61439-1<br>IEC 61439-6 |
| **Dimension type** | Fix |
| **width** | 140 mm |
| **Height** | 244 mm |
| **Colour** | White (RAL 9001) |
| **Net weight** | 120 kg |
| **Linear load** | 30 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)<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** | 25.9 cm |
| **Package 1 Width** | 15.0 cm |
| **Package 1 Length** | 400.0 cm |
| **Package 1 Weight** | 122.0 kg |

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# Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

## Environmental footprint

| | |
|---|---|
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | 3b672fed-f627-4ec3-9440-74e61bd22fda |
| REACh Regulation | REACh Declaration |
| China RoHS Regulation | China RoHS declaration |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | End of Life Information |

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| | |
|---|---|
| WEEE |  **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |
| Take-back | **No** |

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