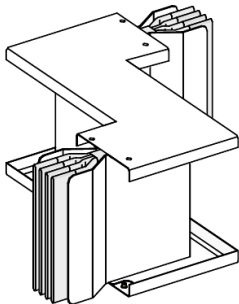


# Product datasheet

Specifications



Flat zed unit, Canalis KTA,  
aluminium, 2500A, 3L+N+PE,  
made to measure, white RAL9001

KTA2500ZP4

## Main

|                                |   |
|--------------------------------|---|
| Range                          | Canalis   |
| Product Name                   | KT  |
| Product Or Component Type      | Zed elbow   |
| Busbar Description             | Standard  |
| Device Short Name              | KTA   |
| Device Application             | Change direction  |
| Material                       | Aluminium   |
| [Ie] Rated Operational Current | 2500 A at 35 °C   |
| Polarity                       | 3L + N + PE   |
| Direction Change Type          | direction 1: flat to left<br>direction 2: flat to right |
| Operating Angle                | 90 °  |
| Earth Conductor                | Standard earth  |
| Short-Circuit Level            | Standard version  |
| 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 |

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

|                  |  |
|------------------|--|
| Neutral Position | Right                                      |
| Standards        | IEC 61439-1<br>IEC 61439-6                 |
| Dimension Type   | Made to measure                            |
| Width            | 140 mm                                     |
| Height           | direction 2: 130...599 mm                  |
| Colour           | White (RAL 9001)                           |
| Length           | direction 1: 300 mm<br>direction 3: 300 mm |
| 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             | 24.4 cm  |
| Package 1 Width              | 114.0 cm |
| Package 1 Length             | 196.0 cm |
| Package 1 Weight             | 103.0 kg |

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

 Mercury Free

 RoHS Exemption Information   [Yes](#)

## Certifications & Standards

|                          |   |
|--------------------------|---|
| Reach Regulation         | <a href="#">REACH Declaration</a>   |
| Eu Rohs Directive        | Compliant with Exemptions   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>   |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | <a href="#">End of Life Information</a>   |