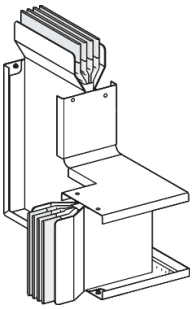
# Product datasheet

Specifications



## Edgewise and flat zed unit, Canalis KTA, aluminium, 3200A, 3L+N+PE, made to measure, neutral N3, white RAL9001

KTA3200CP43

## Main

| | |
|---|---|
| **Range** | Canalis |
| **Product Name** | KT |
| **Product Or Component Type** | Multiple elbow |
| **Busbar Description** | Standard |
| **Device Short Name** | KTA |
| **Device Application** | Change direction |
| **Material** | Aluminium |
| **[Ie] Rated Operational Current** | 3200 A at 35 °C |
| **Polarity** | 3L + N + PE |
| **Direction Change Type** | direction 2: edgewise to upward<br>direction 1: flat to left |
| **Operating Angle** | 90 ° |
| **Earth Conductor** | Standard earth |
| **Short-Circuit Level** | Standard version |
| **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** | 86 kA |
| **[Ipk] Rated Peak Withstand Current** | 189 kA |
| **Radiated Magnetic Field** | 2.1 µT |
| **Thermal Stress Limit** | 7396000 kA².s |
| **Thdi** | 0…15 % 3200 A<br>15…33 % 4000 A |
| **Maximum Voltage Drop** | <0.0018 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0019 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0017 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| **Neutral Position** | Right |

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

| | |
|---|---|
| **Standards** | IEC 61439-1<br>IEC 61439-6 |
| **Dimension Type** | Made to measure |
| **Width** | 140 mm |
| **Height** | direction 2: 320…699 mm |
| **Colour** | White (RAL 9001) |
| **Length** | direction 1: 300 mm<br>direction 3: 400 mm |
| **Linear Load** | 37 kg/m |

## Environment

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|---|---|
| **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

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 35.0 cm |
| **Package 1 Width** | 103.2 cm |
| **Package 1 Length** | 64.2 cm |
| **Package 1 Weight** | 72.4 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-$CO_2$ products.

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

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Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

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