

# KTA1000ED3203

Straight distribution length, Canalis KTA, aluminium, 1000A, 3L+PE, fixed length 2m, 3 outlets, RAL9001



## 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 | 1000 A at 35 °C  |
| Polarity                       | 3L + PE  |
| Number of tap-off outlets      | 3  |
| Nominal output current         | 25...630 A   |
| Earth conductor                | Standard earth   |
| Short-circuit level            | Standard version   |
| Length                         | 2000 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 | 50 kA  |
| [Ipk] rated peak withstand current       | 110 kA   |
| Electrical connection                    | Sliding contact  |
| Radiated magnetic field                  | 0.5 µT   |
| Thermal stress limit                     | 2500000 kA².s  |
| THDI                                     | 0...15 % 1000 A<br>15...33 % 1250 A<br>33...100 % 1600 A   |
| Maximum voltage drop                     | <0.006 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0056 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0052 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   |
| Neutral position                         | Right  |
| Tap-off unit interval                    | 500 mm   |

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|                |                            |
|----------------|----------------------------|
| Standards      | IEC 61439-6<br>IEC 61439-1 |
| Dimension type | Fix                        |
| Width          | 140 mm                     |
| Height         | 104 mm                     |
| Colour         | White (RAL 9001)           |
| Net weight     | 28 kg                      |
| Linear load    | 14 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             | 10.4 cm  |
| Package 1 Width              | 14.0 cm  |
| Package 1 Length             | 200.0 cm |
| Package 1 Weight             | 32.0 kg  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant with Exemptions   |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |