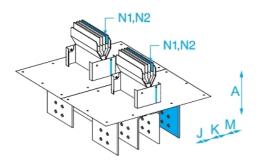
## KTC6300ER31

Straight feed unit, Canalis KTC, copper, 6300A, 3L+PE, fixed dimensions, neutral N1, white RAL9001





# Main

| Range                          | Canalis                                 |
|--------------------------------|---|
| Product name                   | KT                                      |
| Product or component type      | Straight feeder trunking                |
| Device short name              | KTC                                     |
| Device application             | Feeder length                           |
| Supply                         | Switchboard<br>Oil-immersed transformer |
| Material                       | Copper                                  |
| [le] rated operational current | 6300 A at 35 °C                         |
| Neutral position               | Right                                   |
| Earth conductor                | Standard earth                          |
| Short-circuit level            | Standard version                        |
| Provided equipment             | Trunking unit                           |
|                                |   |

#### Complementary

| 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   |
| [lcw] rated short-time withstand current | 120 kA   |
| [lpk] rated peak withstand current       | 264 kA   |
| Radiated magnetic field                  | 4.5 μT   |
| Thermal stress limit                     | 14400000 kA².s   |
| THDI                                     | 33100 % 4000 A<br>1533 % 5000 A<br>015 % 6300 A  |
| Maximum voltage drop                     | <0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0007 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode                            | By screws  |
| Mounting support                         | Plate  |
| Polarity                                 | 3L + PE  |
| Number of tap-off outlets                | 0  |
| Standards                                | IEC 61439-6<br>IEC 61439-1   |
| Dimension type                           | Fix  |
| Connection pitch                         | 115 mm   |
| Width                                    | 545 mm   |
| Depth                                    | 350 mm   |
| Height                                   | Direction 1: 235 mm  |
| Colour                                   | White (RAL 9001)   |
| Linear load                              | 102 kg/m   |
|  |  |

#### Environment

| IP degree of protection | IP55 conforming to IEC 60529   |  |
|-------------------------|--|--|
| IK degree of protection | IK08 conforming to IEC 62262   |  |
| Derating factor         | 035 °C (100 % of In)<br>3540 °C (95 % of In)<br>4045 °C (90 % of In)<br>4550 °C (84 % of In)<br>5055 °C (79 % of In) |  |

## Packing Units

| Unit Type of Package 1       | PCE     |  |
|------------------------------|---------|--|
| Number of Units in Package 1 | 1       |  |
| Package 1 Height             | 43.5 cm |  |
| Package 1 Width              | 54.5 cm |  |
| Package 1 Length             | 72.6 cm |  |
| Package 1 Weight             | 55.6 kg |  |

### Offer Sustainability

| Office Oddital lability     |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACh Regulation            | ☑ REACh Declaration   |
| REACh free of SVHC          | Yes   |
| EU RoHS Directive           | Compliant EU RoHS Declaration   |
| Toxic heavy metal free      | Yes   |
| 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 |
| PVC free                    | Yes   |
| Halogen content performance | Halogen free product  |
|                             |   |