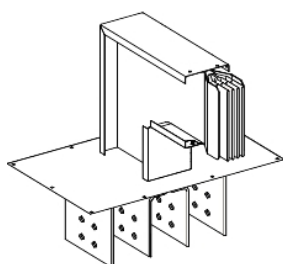


# KTA2500ER55

Edgewise elbow feed unit, Canalis KTA, aluminium, 2500A, 3L+N+PER, made to measure dimensions, neutral N5, white RAL9001



## Main

|                                |                                      |
|--------------------------------|--------------------------------------|
| Range                          | Canalis                              |
| Product name                   | KT                                   |
| Product or component type      | Edgewise elbow feeder trunking       |
| Device short name              | KTA                                  |
| Device application             | Feeder length                        |
| Supply                         | Oil-immersed transformer Switchboard |
| Material                       | Aluminium                            |
| [Ie] rated operational current | 2500 A at 35 °C                      |
| Neutral position               | Right                                |
| Direction change type          | Direction 1: flat to horizontal      |
| Earth conductor                | Reinforced                           |
| Short-circuit level            | Standard version                     |
| Provided equipment             | 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 |
| Mounting mode                            | By screws  |
| Mounting support                         | Plate  |
| Polarity                                 | 3L + N + PER   |
| Number of tap-off outlets                | 0  |
| Standards                                | IEC 61439-6<br>IEC 61439-1   |
| Dimension type                           | Made to measure  |
| Connection pitch                         | 80...250 mm  |
| Depth                                    | 350 mm   |
| Height                                   | Direction 1: 260...594 mm  |
| Length                                   | Direction 2: 360 mm  |

|             |                  |
|-------------|------------------|
| Colour      | White (RAL 9001) |
| 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             | 91.4 cm |
| Package 1 Width              | 53.5 cm |
| Package 1 Length             | 95.0 cm |
| Package 1 Weight             | 67.8 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| 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       |