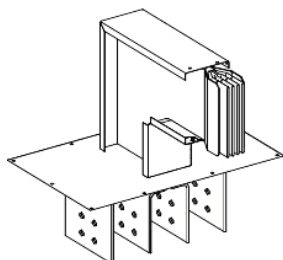


# KTA2500ER76

Edgewise elbow feed unit, Canalis KTA, aluminium, 2500A, 3L+N+PER, high I<sub>cw</sub>, made to measure, neutral N6, 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<br>Switchboard |
| Material                                    | Aluminium                               |
| [I <sub>e</sub> ] rated operational current | 2500 A at 35 °C                         |
| Neutral position                            | Left                                    |
| Direction change type                       | Direction 1: flat to horizontal         |
| Earth conductor                             | Reinforced                              |
| Short-circuit level                         | Reinforced version                      |
| Provided equipment                          | Trunking unit                           |

## Complementary

|                                                       |                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing material                                      | Polyester film                                                                                                                                                                                                                                                                 |
| Contacts material                                     | Copper                                                                                                                                                                                                                                                                         |
| [U <sub>e</sub> ] rated operational voltage           | 1000 V                                                                                                                                                                                                                                                                         |
| Network frequency                                     | 50/60 Hz                                                                                                                                                                                                                                                                       |
| [U <sub>i</sub> ] rated insulation voltage            | 1000 V                                                                                                                                                                                                                                                                         |
| [I <sub>cw</sub> ] rated short-time withstand current | 113 kA                                                                                                                                                                                                                                                                         |
| [I <sub>pk</sub> ] rated peak withstand current       | 248 kA                                                                                                                                                                                                                                                                         |
| Radiated magnetic field                               | 1.6 µT                                                                                                                                                                                                                                                                         |
| Thermal stress limit                                  | 12769000 kA <sup>2</sup> .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 61439-1<br>IEC 61439-6                                                                                                                                                                                                                                                     |
| 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                                           | 36 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              | 95.0 cm |
| Package 1 Length             | 53.5 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 |
| PVC free                    | Yes                                                                                                                         |
| Halogen content performance | Halogen free product                                                                                                        |