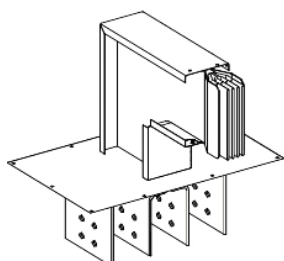


# KTA1250ER75

Edgewise elbow feed unit, Canalis KTA, aluminium, 1250A, 3L+N+PER, high I<sub>cw</sub>, made to measure, neutral N5, 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 | 1250 A at 35 °C                         |
| Neutral position                            | Right                                   |
| 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 | 65 kA                                                                                                                                                                                                                                                                         |
| [I <sub>pk</sub> ] rated peak withstand current       | 143 kA                                                                                                                                                                                                                                                                        |
| Radiated magnetic field                               | 0.75 µT                                                                                                                                                                                                                                                                       |
| Thermal stress limit                                  | 4225000 kA <sup>2</sup> .s                                                                                                                                                                                                                                                    |
| THDI                                                  | 0...15 % 1250 A<br>15...33 % 1600 A<br>33...100 % 2000 A                                                                                                                                                                                                                      |
| Maximum voltage drop                                  | <0.0049 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0047 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0043 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                                                 | 230 mm                                                                                                                                                                                                                                                                        |
| Height                                                | Direction 1: 200...534 mm                                                                                                                                                                                                                                                     |
| Length                                                | Direction 2: 300 mm                                                                                                                                                                                                                                                           |
| Colour                                                | White (RAL 9001)                                                                                                                                                                                                                                                              |
| Linear load                                           | 21 kg/m                                                                                                                                                                                                                                                                       |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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             | 79.4 cm |
| Package 1 Width              | 95.0 cm |
| Package 1 Length             | 41.5 cm |
| Package 1 Weight             | 40.8 kg |