

# Product data sheet

## Characteristics

# KTA2500EL74

Feed unit for dry type transformers, Canalis  
KTA, aluminium, 2500A, 3L+N+PER, high Icw,  
made to measure, N4, RAL9001

### Main

|                                |                        |
|--------------------------------|------------------------|
| Range                          | Canalis                |
| Product name                   | KT                     |
| Product or component type      | Center feeder trunking |
| Device short name              | KTA                    |
| Device application             | Feeder length          |
| Supply                         | Dry-type transformer   |
| Material                       | Aluminium              |
| [Ie] rated operational current | 2500 A at 35 °C        |
| Neutral position               | Left                   |
| Earth conductor                | Reinforced             |
| Short-circuit level            | Reinforced 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 | 113 kA   |
| [Ipk] 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                         | 470...700 mm   |
| Bar width                                | 200 mm   |
| Depth                                    | 140 mm   |
| Height                                   | 504 mm   |
| Length                                   | Direction 1: 260 mm<br>1680 mm   |
| Colour                                   | White (RAL 9001)   |
| Linear load                              | 36 kg/m  |

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## 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 $I_n$ )<br>35...40 °C (97 % of $I_n$ )<br>40...45 °C (93 % of $I_n$ )<br>45...50 °C (90 % of $I_n$ )<br>50...55 °C (86 % of $I_n$ ) |
|                         |   |
|                         |   |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 42.0 cm  |
| Package 1 Width              | 190.0 cm |
| Package 1 Length             | 13.8 cm  |
| Package 1 Weight             | 43.8 kg  |