

# KTA1600ET42C

Straight transport length, Canalis KTA, aluminium, 1600A, 3L+N+PE, made to measure length 2-2.5m, white RAL9001



## Main

|                                |                               |
|--------------------------------|-------------------------------|
| Range                          | Canalis                       |
| Product name                   | KT                            |
| Product or component type      | Busbar trunking               |
| Busbar description             | Transport length              |
| Device short name              | KTA                           |
| Device application             | Feeder length                 |
| Material                       | Aluminium                     |
| [Ie] rated operational current | 1600 A at 35 °C               |
| Polarity                       | 3L + N + PE                   |
| Number of tap-off outlets      | 0                             |
| Earth conductor                | Standard earth                |
| Short-circuit level            | Standard version              |
| Length                         | 2001...2500 mm                |
| Provided equipment             | Trunking unit<br>Joining 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 | 65 kA                                                                                                                                                                                                                                                                          |
| [Ipk] rated peak withstand current       | 143 kA                                                                                                                                                                                                                                                                         |
| Radiated magnetic field                  | 0.9 µT                                                                                                                                                                                                                                                                         |
| Thermal stress limit                     | 4225000 kA².s                                                                                                                                                                                                                                                                  |
| THDI                                     | 0...15 % 1600 A<br>15...33 % 2000 A<br>33...100 % 2500 A                                                                                                                                                                                                                       |
| Maximum voltage drop                     | <0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode                            | By hook                                                                                                                                                                                                                                                                        |
| Mounting support                         | Pendant<br>Cantilever arm                                                                                                                                                                                                                                                      |
| Installation direction                   | Vertical<br>Horizontal                                                                                                                                                                                                                                                         |
| Neutral position                         | Right                                                                                                                                                                                                                                                                          |
| Standards                                | IEC 61439-1<br>IEC 61439-6                                                                                                                                                                                                                                                     |
| Dimension type                           | Made to measure                                                                                                                                                                                                                                                                |
| Width                                    | 146 mm                                                                                                                                                                                                                                                                         |
| Height                                   | 194 mm                                                                                                                                                                                                                                                                         |

|             |                  |
|-------------|------------------|
| Colour      | White (RAL 9001) |
| Linear load | 22 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             | 492.76 cm |
| Package 1 Width              | 14.6 cm   |
| Package 1 Length             | 250.0 cm  |
| Package 1 Weight             | 57.75 kg  |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>               |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                         |
| 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       |