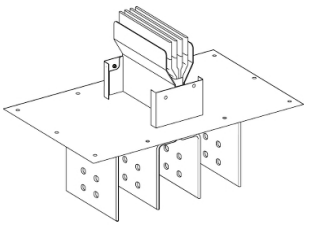
# Product datasheet

Specifications

Green Premium™



## KT 4X1000AL FEED UNIT ER N1

KTA1000ER41

## Main

| | |
|---|---|
| **Range** | Canalis |
| **Product Name** | KT |
| **Product Or Component Type** | Straight feeder trunking |
| **Device Short Name** | KTA |
| **Device Application** | Feeder length |
| **Supply** | Oil-immersed transformer<br>Switchboard |
| **Material** | Aluminium |
| **[Ie] Rated Operational Current** | 1000 A at 35 °C |
| **Neutral Position** | Right |
| **Earth Conductor** | Standard earth |
| **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** | 50 kA |
| **[Ipk] Rated Peak Withstand Current** | 110 kA |
| **Radiated Magnetic Field** | 0.5 µT |
| **Thermal Stress Limit** | 2500000 kA².s |
| **Thdi** | 0…15 % 1000 A<br>15…33 % 1250 A<br>33…100 % 1600 A |
| **Maximum Voltage Drop** | <0.006 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0056 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0052 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 + PE |

Disclaimer: 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

| | |
|---|---|
| **Number Of Tap-Off Outlets** | 0 |
| **Standards** | IEC 61439-6<br>IEC 61439-1 |
| **Dimension Type** | Fix |
| **Connection Pitch** | 115 mm |
| **Width** | 545 mm |
| **Depth** | 230 mm |
| **Height** | direction 1: 235 mm |
| **Colour** | White (RAL 9001) |
| **Linear Load** | 16 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** | 23.0 cm |
| **Package 1 Width** | 45.0 cm |
| **Package 1 Length** | 55.0 cm |
| **Package 1 Weight** | 9.5 kg |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

| | |
|---|---|
| Reach Free Of Svhc | |
| Toxic Heavy Metal Free | |
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Pvc Free | |
| Halogen Free Product | |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<br>Pro-active China RoHS declaration (out of China RoHS legal scope) |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |