Product datasheet

Specifications

KT 4X1600AL FEED UNIT ER N2

KTA1600ER42

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 Switchboard
Material	Aluminium
[Ie] Rated Operational Current	1600 A at 35 °C
Neutral Position	Left
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	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 15…33 % 2000 A 33…100 % 2500 A
Maximum Voltage Drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 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

Number Of Tap-Off Outlets	0
Standards	IEC 61439-6 IEC 61439-1
Dimension Type	Made to measure
Connection Pitch	80…250 mm
Depth	350 mm
Height	direction 1: 235…734 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) 35…40 °C (97 % of In) 40…45 °C (93 % of In) 45…50 °C (90 % of In) 50…55 °C (86 % of In)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	35.0 cm
Package 1 Width	95.0 cm
Package 1 Length	95.0 cm
Package 1 Weight	32.9 kg

Sustainability

Green Premium^{TM} 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

                                            EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

                                            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