Product data sheet

Specifications

Feed unit for dry type transformers, Canalis KTA, aluminium, 1600A, 3L+N+PE, made to measure, neutral N4, white RAL9001

KTA1600EL44

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	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 61439-1 IEC 61439-6
Dimension Type	Made to measure
Connection Pitch	470…700 mm
Bar Width	200 mm
Depth	140 mm
Height	424 mm
Length	direction 1: 260 mm 1680 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	34.0 cm
Package 1 Width	190.0 cm
Package 1 Length	13.8 cm
Package 1 Weight	30.3 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