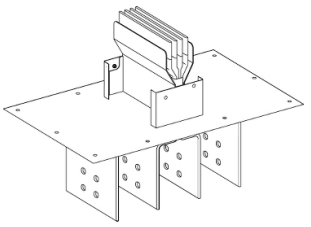
Product datasheet

Specifications

Green Premium™



KT 4X1250AL FEED UNIT ER N2

KTA1250ER42

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Straight feeder trunking
Device Short Name	KTA
Device Application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Aluminium
[Ie] Rated Operational Current	1250 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	50 kA
[Ipk] Rated Peak Withstand Current	110 kA
Radiated Magnetic Field	0.75 µT
Thermal Stress Limit	2500000 kA².s
Thdi	0…15 % 1250 A 15…33 % 1600 A 33…100 % 2000 A
Maximum Voltage Drop	<0.0049 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0047 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0043 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 61439-1 IEC 61439-6
Dimension Type	Made to measure
Connection Pitch	80…250 mm
Depth	230 mm
Height	direction 1: 235…734 mm
Colour	White (RAL 9001)
Linear Load	18 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	23.0 cm
Package 1 Width	95.0 cm
Package 1 Length	95.0 cm
Package 1 Weight	27.0 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 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