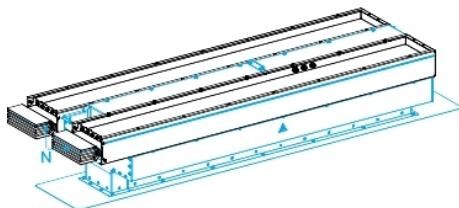# Product data sheet
Characteristics

KTC6300EL51

Feed unit for dry type transformers, Canalis KTC, copper, 6300A, 3L+N+PER, made to measure, neutral N1, white RAL9001

Green Premium™

Main

Range	Canalis
Product name	KT
Product or component type	Side feeder trunking
Device short name	KTC
Device application	Feeder length
Supply	Dry-type transformer
Material	Copper
[Ie] rated operational current	6300 A at 35 °C
Neutral position	Right
Earth conductor	Reinforced
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	120 kA
[Ipk] rated peak withstand current	264 kA
Radiated magnetic field	4.5 µT
Thermal stress limit	14400000 kA².s
THDI	33…100 % 4000 A 15…33 % 5000 A 0…15 % 6300 A
Maximum voltage drop	<0.00065 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.00075 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0007 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 + PER
Number of tap-off outlets	0
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Connection pitch	470…736 mm
Bar width	200 mm
Depth	140 mm
Height	618 mm
Length	2040 mm
Colour	White (RAL 9001)
Linear load	142 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 (95 % of In)
	40…45 °C (90 % of In)
	45…50 °C (84 % of In)
	50…55 °C (79 % 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	62.2 cm
Package 1 Length	190.0 cm
Package 1 Weight	303.2 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product