



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	5000 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	120 kA
[Ipk] rated peak withstand current	264 kA
Radiated magnetic field	3.8 μ T
Thermal stress limit	14400 A ² .s
THDI	33...100 %, maximum load current: 3200 A 15...33 %, maximum load current: 4000 A 0...15 %, maximum load current: 5000 A
Voltage drop	With $\cos \varphi = 1$, ≤ 0.0012 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.9$, ≤ 0.00125 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.8$, ≤ 0.0012 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.7$, ≤ 0.0011 V at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting support	Plate

Polarity	3L + PE
Number of tap-off outlets	0
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix
Connection pitch	115 mm
Width	545 mm
Depth	350 mm
Height	Direction 1 : 235 mm
Colour	RAL 9001 : white
Linear load	50 kg/m

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Derating factor	100 % of In at 0...35 °C 95 % of In at 35...40 °C 90 % of In at 40...45 °C 84 % of In at 45...50 °C 79 % of In at 50...55 °C