



Main

Range	Canalis
Product name	KT
Product or component type	Flat feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Dry-type transformer
Material	Aluminium
[Ie] rated operational current	5000 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	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 + N + PER

Number of tap-off outlets	0
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Made to measure
Connection pitch	470...700 mm
Bar width	200 mm
Depth	150 mm
Height	350 mm
Length	1600 mm Direction 1 : 235 mm
Colour	RAL 9001 : white
Linear load	72 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