



Main

Range	Canalis
Product name	KT
Product or component type	Flatwise elbow feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Aluminium
[Ie] rated operational current	800 A at 35 °C
Neutral position	Up
Direction change type	Direction 1 : edgewise to 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	31 kA
[Ipk] rated peak withstand current	64 kA
Radiated magnetic field	0.4 μ T
Thermal stress limit	961 A ² .s
THDI	0...15 %, maximum load current: 800 A 15...33 %, maximum load current: 1000 A 33...100 %, maximum load current: 1250 A
Voltage drop	With $\cos \varphi = 1$, 0.0083 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.9$, 0.0081 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.8$, 0.0076 V at 50 Hz with 1A for 100 m long With $\cos \varphi = 0.7$, 0.0069 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 61439-6 IEC 61439-1
Dimension type	Made to measure
Connection pitch	80...250 mm
Depth	230 mm
Height	Direction 1 : 200...534 mm
Length	Direction 2 : 300 mm
Colour	RAL 9001 : white
Linear load	12 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 97 % of In at 35...40 °C 93 % of In at 40...45 °C 90 % of In at 45...50 °C 86 % of In at 50...55 °C

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0949 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Need no specific recycling operations