



Main

Range of product	Canalis
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Product name	KT
Product or component type	Center feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Dry-type transformer
Material	Aluminium
[Ie] rated operational current	1250 A at 35 °C
Neutral position	Left
Earth circuit	Standard earth
Variant	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	2500 A ² .s
THDI	33...100 %, maximum load current: 2000 A 15...33 %, maximum load current: 1600 A 0...15 %, maximum load current: 1250 A
Voltage drop	With cos φ =1, 0.0049 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.0043 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.0047 V at 50 Hz with 1A for 100 m long With cos φ =0.9, 0.005 V at 50 Hz with 1A for 100 m long
Linear resistance	L - L : Rb1 35 °C= 0.12 mΩ/m at Inc with impedance method L : R1 35 °C= 0.056 mΩ/m at Inc and 50 Hz L - PE : R0 20 °C= 0.587 mΩ/m symmetrical components method L - N : Xb 35 °C= 0.04 mΩ/m at Inc and 50 Hz with impedance method L - L : Xb 35 °C= 0.024 mΩ/m at Inc and 50 Hz with impedance method L - N : Rb0 20 °C= 0.097 mΩ/m impedance method L : Z1 35 °C= 0.058 mΩ/m at Inc and 50 Hz L - N : Rb1 35 °C= 0.12 mΩ/m at Inc with impedance method L - N : X0 20 °C= 0.087 mΩ/m symmetrical components method L : X1 35 °C= 0.015 mΩ/m at Inc and 50 Hz L - PE : Rb0 20 °C= 0.353 mΩ/m impedance method L - PE : Rb1 35 °C= 0.438 mΩ/m at Inc with impedance method L - L : Rb0 20 °C= 0.097 mΩ/m impedance method L : R20 20 °C= 0.046 mΩ/m L - N : Z0 20 °C= 0.226 mΩ/m symmetrical components method PE : 20 °C= 0.164 mΩ/m L - PE : X0 20 °C= 0.478 mΩ/m symmetrical components method L - PE : Xb 35 °C= 0.275 mΩ/m at Inc and 50 Hz with impedance method L - PE : Z0 20 °C= 0.757 mΩ/m symmetrical components method L - N : R0 20 °C= 0.209 mΩ/m symmetrical components method
Mounting mode	By screws

Mounting support	Plate
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	0
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Connection pitch	390...700 mm
Bar width	160 mm
Depth	140 mm
Height	384 mm
Length	1680 mm Direction 1 : 260 mm
Colour	RAL 9001 : white
Linear load	18 kg/m

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Ambient air temperature for operation	90 % of In at 50 °C 93 % of In at 45 °C 97 % of In at 40 °C 86 % of In at 55 °C 100 % of In at 35 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant since 0949; Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations