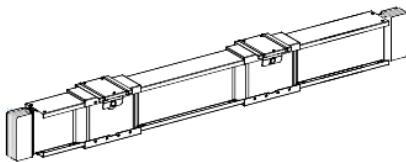


# Product data sheet

## Characteristics

### KTA1000EB340

Straight length, Canalis KTA, aluminium, 1000A, 3L+PE, fixed length 4m, 2 outlets for bolt on tap off unit, RAL9001



#### Main

Range	Canalis
Product name	KT
Product or component type	Busbar trunking
Busbar description	Distribution length
Device short name	KTA
Tap-off unit compatibility	Bolt-on tap-off unit from Canalis - KT
Device application	High power distribution
Material	Aluminium
[Ie] rated operational current	1000 A at 35 °C
Polarity	3L + PE
Number of tap-off outlets	2
Nominal output current	400...1000 A
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	4000 mm
Provided equipment	Jointing unit 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
Electrical connection	Bolted connection
Radiated magnetic field	0.5 µT
Thermal stress limit	2500000 kA <sup>2</sup> .s
THDI	0...15 % 1000 A 15...33 % 1250 A 33...100 % 1600 A
Maximum voltage drop	<0.006 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0056 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0052 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By hook
Mounting support	Pendant Cantilever arm
Installation direction	Vertical Horizontal
Neutral position	Right
Tap-off unit interval	2000 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Fix

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Width	140 mm
Height	104 mm
Colour	White (RAL 9001)
Net weight	56 kg
Linear load	14 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 (97 % of In) 40...45 °C (93 % of In) 45...50 °C (90 % of In) 50...55 °C (86 % of In)

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.4 cm
Package 1 Width	14.0 cm
Package 1 Length	400.0 cm
Package 1 Weight	60.0 kg