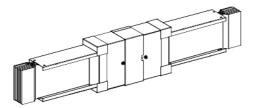
## Product data sheet Characteristics

# KTA4000DB410 KT 4X4000AL EXPANSION UNIT





#### Main

Range	Canalis
Product name	KT
Product or component type	Expansion unit
Busbar description	Flexible bar
Device short name	KTA
Device application	Feeder length
Material	Aluminium
[le] rated operational current	4000 A at 35 °C
Polarity	3L + N + PE
Number of tap-off outlets	0
Length	1000 mm
Provided equipment	Trunking unit Jointing unit

#### Complementary

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
[lcw] rated short-time withstand current	90 kA
[lpk] rated peak withstand current	198 kA
Radiated magnetic field	3 µT
Thermal stress limit	8100000 kA <sup>2</sup> .s
THDI	015 % 4000 A
Maximum voltage drop	<0.0015 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0016 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0015 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By hook
Mounting support	Cantilever arm Pendant
Installation direction	Horizontal Vertical
Horizontal distance	30 m
Neutral position	Right
Standards	IEC 61439-6 IEC 61439-1
Dimension type	Fix
Width	140 mm
Height	404 mm
Colour	White (RAL 9001)
Net weight	45 kg
Linear load	45 kg/m

### Environment

IP degree of protection	IP55 conforming to IEC 60529	
IK degree of protection	IK08 conforming to IEC 62262	
Derating factor	035 °C (100 % of In)	
	3540 °C (97 % of In)	
	4045 °C (93 % of In)	
	4550 °C (90 % of In)	
	5055 °C (86 % of In)	

### Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	44.0 cm	
Package 1 Width	100.0 cm	
Package 1 Length	15.0 cm	
Package 1 Weight	46.0 kg	

### Offer Sustainability

Green Premium product
☑ REACh Declaration
Compliant with Exemptions
Yes
<sup>€</sup> China RoHS Declaration
€Yes
Product Environmental Profile
End Of Life Information
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins