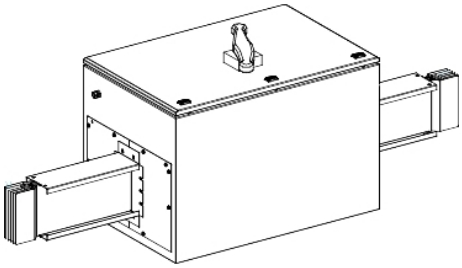
Product data sheet
Characteristics

KTA1000PL41
Line protection, Canalis KTA, aluminium, 1000A, 3L+N+PE, ComPact NS1000N circuit breaker



Main

Range	Canalis
Product name	KT
Product or component type	Protection components
Product compatibility	Canalis KTA busbar trunking 1000 A Compact NS1000N circuit-breaker 1000 A
Device application	Protection
Material	Aluminium
[Ie] rated operational current	1000 A at 35 °C
Busbar trunking polarity	3L + N + PE
Neutral position	Right
PE conductor	Standard earth
Icw short-circuit version	Standard version
Busbar position	Edgewise Flat
Provided equipment	Circuit-breaker Handle Enclosure
Circuit breaker control type	Rotary handle
Breaking capacity code	N
Colour	White (RAL 9001)

Complementary

[Ue] rated operational voltage	1000 V
Network type	AC
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
Dimension type	Fix
Length	2000 mm
Width	140 mm
Height	104 mm
Linear load	16 kg/m
Cubicle length	900 mm
Cubicle width	600 mm
Cubicle height	608 mm
[Icw] rated short-time withstand current	50 kA - 1 s
[Ipk] rated peak withstand current	110 kA
Thermal stress limit	2500000 kA².s
Standards	IEC 61439-6 IEC 61439-1

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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	60.0 cm
Package 1 Width	200.0 cm
Package 1 Length	69.0 cm
Package 1 Weight	137.0 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins