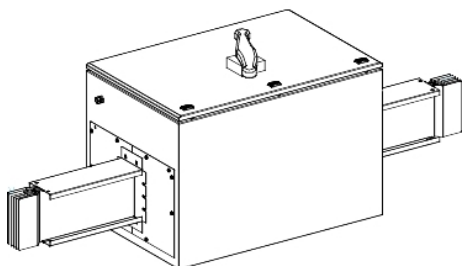


# KTA1600PL51

Line protection, Canalis KTA, aluminium,  
1600A, 3L+N+PE Reinforced (Al), ComPact  
NS1600N circuit breaker



## Main

Range	Canalis
Product name	KT
Product or component type	Protection components
Product compatibility	Canalis KTA busbar trunking 1600 A Compact NS1600N circuit-breaker 1600 A
Device application	Protection
Material	Aluminium
[Ie] rated operational current	1600 A at 35 °C
Busbar trunking polarity	3L + N + PE
Neutral position	Right
PE conductor	Reinforced
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	164 mm
Linear load	22 kg/m
Cubicle length	900 mm
Cubicle width	600 mm
Cubicle height	608 mm
[Icw] rated short-time withstand current	65 kA - 1 s
[Ipk] rated peak withstand current	143 kA
Thermal stress limit	4225000 kA <sup>2</sup> .s
Standards	IEC 61439-1 IEC 61439-6

## 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	69.0 cm
Package 1 Length	200.0 cm
Package 1 Weight	152.0 kg