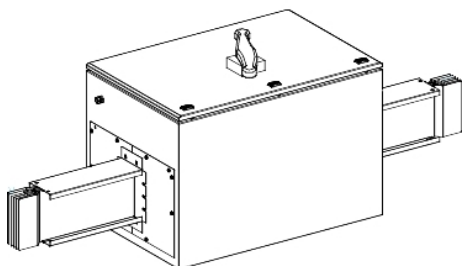


# KTA1600PL71

Line protection, Canalis KTA, aluminium, 1600A, 3L+N+PE Reinforced (Cu), high I<sub>cw</sub>, ComPact NS1600N circuit breaker



## Main

Range	Canalis
Product name	KT
Product or component type	Protection components
Product compatibility	Canalis KTA busbar trunking 1600 A[RETURN] Compact NS1600N circuit-breaker 1600 A
Device application	Protection
Material	Aluminium
[I <sub>e</sub> ] rated operational current	1600 A at 35 °C
Busbar trunking polarity	3L + N + PE
Neutral position	Right
PE conductor	Reinforced
I <sub>cw</sub> short-circuit version	Reinforced 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

[U <sub>e</sub> ] rated operational voltage	1000 V
Network type	AC
Network frequency	50/60 Hz
[U <sub>i</sub> ] rated insulation voltage	1000 V
Dimension type	Fix
Length	2000 mm
Width	140 mm
Height	164 mm
Linear load	26 kg/m
Cubicle length	900 mm
Cubicle width	600 mm
Cubicle height	608 mm
[I <sub>cw</sub> ] rated short-time withstand current	85 kA - 1 s
[I <sub>pk</sub> ] rated peak withstand current	187 kA
Thermal stress limit	7225000 kA <sup>2</sup> .s
Standards	IEC 61439-1 IEC 61439-6

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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	152.0 kg