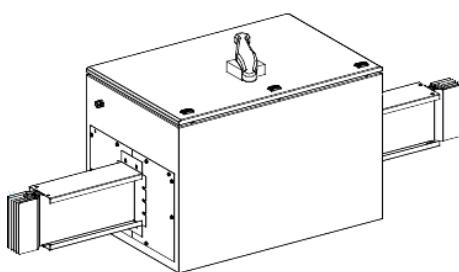


Product data sheet

Characteristics

KTA1600PL31

Line protection, Canalis KTA, aluminium, 1600A, 3L+PE, 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 + PE
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	164 mm
Linear load	19 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 ² .s
Standards	IEC 61439-6 IEC 61439-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 I_n) 35...40 °C (97 % of I_n) 40...45 °C (93 % of I_n) 45...50 °C (90 % of I_n) 50...55 °C (86 % of I_n)

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	122.0 kg