

Product datasheet

Specifications

CANALIS - STRAIGHT LENGTH - MADE-TO-MESURE - 1000A



KSA1000ET43A

EAN Code: 3606489603151

Main

Range	Canalis
Device short name	KSA
Offer type	Advanced
Product or component type	Busbar trunking
Busbar description	Horizontal transport length
Product compatibility	Canalis KSA busbar trunking 500...1000 A
Conductors material	Aluminium
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	0
[Ie] rated operational current	1000 A at 35 °C
IP degree of protection	IP55 conforming to IEC 60529
Mounting mode	By screws
Dimension type	Made to measure
Length	0.5...1.9 m
Colour	White (RAL 9001)

Complementary

Number of poles	4
Neutral position	Up
Mounting position	Horizontal
[Ue] rated operational voltage	230...690 V
Network frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ui] rated insulation voltage	690 V
[Icw] rated short-time withstand current	37.4 kA
[Ipk] rated peak withstand current	78.7 kA
Electrical connection	Lubricated sliding contact
Width	113 mm
Height	146 mm
Net weight	32.2 kg
Radiated magnetic field	1.27 µT

Disclaimer: 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

Thermal stress limit	1758000 kA².s
THDI	0...15 % 1000 A 15...33 % 800 A 33...100 % 630 A
Maximum voltage drop	<0.005 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.007 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.007 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.008 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Standards	IEC 61439-1 IEC 61439-6

Environment

IK degree of protection	IK08 conforming to IEC 62262
Ambient air temperature for operation	35 °C (without derating) 55 °C (with derating factor)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.000 cm
Package 1 Width	15.000 cm
Package 1 Length	171.000 cm
Package 1 Weight	37.415 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	6
Package 2 Height	60.000 cm
Package 2 Width	65.000 cm
Package 2 Length	400.000 cm
Package 2 Weight	236.490 kg

Logistical informations

Country of origin	FR
-------------------	----

Contractual warranty

Warranty	18 months
----------	-----------

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins