# 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

# CANALIS - STRAIGHT LENGTH - MADE-TO-MESURE - 630A



KSA630ET43A

EAN Code: 3606489603212

### 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 5001000 A	
Conductors material	Aluminium	
Busbar trunking polarity	3L + N + PE	
Number of tap-off outlets	0	
[le] rated operational current	630 A at 35 °C	
IP degree of protection	IP55 conforming to IEC 60529	
Mounting mode	By screws	
Dimension type	Made to measure	
Length	0.51.9 m	
Colour	White (RAL 9001)	

# Complementary

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Number of poles	4	
Neutral position	Up	
Mounting position	Horizontal	
[Ue] rated operational voltage	230690 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	32.1 kA	
[lpk] rated peak withstand current	67.5 kA	
Electrical connection	Lubricated sliding contact	
Width	113 mm	
Height	146 mm	
Product weight	30 kg	
Radiated magnetic field	0.89 μΤ	

Thermal stress limit	1225000 kA².s	
THDI	015 % 630 A 1533 % 500 A 33100 % 400 A	
Maximum voltage drop	<0.011 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.012 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	10.000 cm
Package 1 Width	60.000 cm
Package 1 Length	80.000 cm
Package 1 Weight	9.211 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	10
Package 2 Height	60.000 cm
Package 2 Width	65.000 cm
Package 2 Length	400.000 cm
Package 2 Weight	192.600 kg

# **Logistical informations**

Country of origin FF

# **Contractual warranty**

Warranty 18 months



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**

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