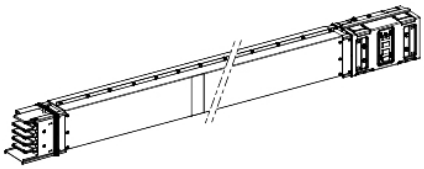
Product data sheet
Characteristics

KSA1000ET4AF
FIRE BARRIER LENGTH 1000 A



Main

Range of product	Canalis
Product name	KS
Offer type	Standard
Product or component type	Busbar trunking
Busbar description	Fire barrier Transport length
BAR MATERIAL	Aluminium
Device application	Medium power distribution
[Ie] rated operational current	1000 A at 35 °C
Number of tap-off outlets	0

Complementary

[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
Radiated magnetic field	1.27 µT
Thermal stress limit	1758 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
Mounting mode	By screws
Mounting position	Horizontal
Neutral position	Up
Busbar trunking polarity	3L + PEN 3L + N + PE
Dimension type	Made to measure
Width	146 mm
Depth	113 mm
Height	900…2340 mm
Net weight	24.2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	43.35 kg
Package 1 Height	12.2 cm
Package 1 width	17.3 cm
Package 1 Length	247.8 cm

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.

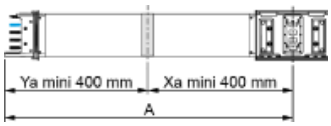
Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months

KSA1000ET4AF



Dimensions	KSA1000ET4AF
A (mm)	900 to 2340
B (mm)	-
C (mm)	-
D (mm)	-
Fire barrier	Yes
Fire barrier position	Mini 400mm from the egde