

# Product datasheet

Specifications



Horizontal distribution length,  
Canalis KSA250, aluminium,  
100/160/250A, fixed length 2m, 8  
outlets, 3L+N+PE, RAL9001

KSA250ED4208

## Main

Range	Canalis
Device short name	KSA
Offer type	Advanced
Product or component type	Busbar trunking
Busbar description	Horizontal distribution length
Product compatibility	Canalis KSA busbar trunking 100...250 A
Conductors material	Aluminium
Busbar trunking polarity	3L + N + PE
Number of tap-off outlets	8
[Ie] rated operational current	250 A at 35 °C
IP degree of protection	IP55 conforming to IEC 60529
Mounting mode	By screws
Dimension type	Fix
Length	2 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	10 kA
[Ipk] rated peak withstand current	28 kA
Electrical connection	Lubricated sliding contact
Width	54 mm
Height	146 mm
Product weight	10.85 kg
Tap-off unit interval	500 mm

<b>Radiated magnetic field</b>	0.69 $\mu$ T
<b>Thermal stress limit</b>	100000 kA <sup>2</sup> .s
<b>THDI</b>	0...15 % 250 A 15...33 % 200 A 33...100 % 160 A
<b>Maximum voltage drop</b>	<0.034 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.036 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.035 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
<b>Standards</b>	IEC 61439-1 IEC 61439-6

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	17.000 cm
<b>Package 1 Width</b>	7.400 cm
<b>Package 1 Length</b>	211.000 cm
<b>Package 1 Weight</b>	11.000 kg
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	20
<b>Package 2 Height</b>	49.000 cm
<b>Package 2 Width</b>	64.000 cm
<b>Package 2 Length</b>	220.000 cm
<b>Package 2 Weight</b>	232.500 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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

[Free of Substances of Very High Concern above the threshold](#)

Halogen-free status

Halogen free product

PVC free

Yes

Silicone-free

Yes

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

End of life manual availability

No need of specific recycling operations

Take-back

No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions

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