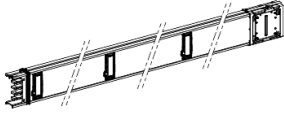


Product datasheet

Specifications



Horizontal distribution length,
Canalis KSA160, aluminium, 160A,
fixed length 3m, 6 outlets,
3L+N+PE, white RAL9001

KSA160ED4306

Main

Range	Canalis
Device short name	KSA
Offer type	Classic
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	6
[Ie] rated operational current	160 A at 35 °C
IP degree of protection	IP55 conforming to IEC 60529
Mounting mode	By screws
Dimension type	Fix
Length	3 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	4.45 kA
[Ipk] rated peak withstand current	22 kA
Electrical connection	Lubricated sliding contact
Width	54 mm
Height	146 mm
Product weight	13.4 kg
Tap-off unit interval	1000 mm

Radiated magnetic field	0.41 μ T
Thermal stress limit	202000 kA ² .s
THDI	0...15 % 160 A 15...33 % 125 A 33...100 % 100 A
Maximum voltage drop	<0.067 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.066 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.061 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.056 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	17.000 cm
Package 1 Width	7.600 cm
Package 1 Length	311.000 cm
Package 1 Weight	13.000 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	20
Package 2 Height	49.000 cm
Package 2 Width	64.000 cm
Package 2 Length	320.000 cm
Package 2 Weight	280.000 kg

Contractual warranty

Warranty (in months)	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

