

# Product data sheet

Specifications



Tap off unit, Canalis KS 100A to 1000A, 12 modules of 18mm, 100A, DIN rail, 3L+N+PE, IP55, RAL9001

KSB100SM412

## Main

Range Of Product	Canalis
Range Compatibility	Canalis KS busbar trunking Canalis KT busbar trunking
Product Or Component Type	Tap-off unit
Busbar Trunking Compatibility	Canalis KS busbar trunkingplug-in Canalis KT busbar trunking with KS type plug-in
[Ie] Rated Operational Current	100 A
Protection Type	Circuit breaker: miniature circuit breaker (MCB)
Mounting Mode	Plug-in with fixed polarity
Tap-Off Unit Polarity	3L+N+PE
Colour	White (RAL 9001)

## Complementary

Device Application	Medium power distribution
Provided Equipment	circuit-breaker to be ordered separately
[Ue] Rated Operational Voltage	230...690 V depending on protective device
[Uimp] Rated Impulse Withstand Voltage	6.8 kV
[Ui] Rated Insulation Voltage	400 V depending on protective device 500 V depending on protective device 690 V depending on protective device
Network Frequency	50/60 Hz
Electrical Connection	Lugs - ISO63 35 mm² flexible Lugs - ISO63 35 mm² rigid
Door/Cover Opening Side	Right
Tap-Off Unit Disconnection Mode	By opening the door
Standards	IEC 61439-6 IEC 61439-1
Body Material	Plastic
18 Mm Pitches	12
Width	444 mm
Depth	133 mm
Depth (Door Open)	545.5 mm
Height	220 mm
Net Weight	5 kg

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

## Environment

Earthing System	TT TN-S IT
Ip Degree Of Protection	IP55 conforming to IEC 60529
Ik Degree Of Protection	IK08 conforming to IEC 62262

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	18.400 cm
Package 1 Width	22.000 cm
Package 1 Length	44.400 cm
Package 1 Weight	3.000 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	25
Package 2 Height	80.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	92.000 kg

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

✓ Halogen Free Product

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations