

# Product data sheet

Specifications



Straight length, Canalis KBB, 25A, 2 circuits, 3L+N+PE, compatible KNX, 5 outlets, 3m, white RAL9003

KBB25ED44305TW

## Main

Range Of Product	Canalis
Device Short Name	KBB
Offer Type	Control system
Product Or Component Type	Straight length
Busbar Description	Distribution length
Device Application	Power socket distribution Lighting
[Ie] Rated Operational Current	25 A at 35 °C
[Ue] Rated Operational Voltage	230...400 V
Network Frequency	50/60 Hz
Busbar Trunking Polarity	3L + N + PE
Number Of Circuits	2
Number Of Tap-Off Outlets	5
Control Type	Communicating
Communication Port Protocol	KNX
Mounting Mode	By screws

## Complementary

[Uimp] Rated Impulse Withstand Voltage	4 kV
[Ui] Rated Insulation Voltage	690 V
[Icw] Rated Short-Time Withstand Current	0.44 kA
[Ipk] Rated Peak Withstand Current	4.4 kA
Thermal Stress Limit	195 kA².s
Maximum Radiated Magnetic Field	2 pT
Thdi	0...15 % 25 A 15...33 % 20 A 33...100 % 16 A
Maximum Voltage Drop	<0.72 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.67 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.61 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.55 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Standards	EN/IEC 61439-6 EN/IEC 61439-1
Width	30 mm

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

Height	46 mm
Length	3 m
Colour	White (RAL 9003)
Net Weight	4.8 kg

## Environment

Ip Degree Of Protection	IP55 conforming to EN/IEC 60529
Ik Degree Of Protection	IK06 conforming to EN/IEC 62262
Ambient Air Temperature For Operation	0...35 °C (100 % of In) 35...40 °C (96 % of In) 40...45 °C (93 % of In) 45...50 °C (89 % of In) 50...55 °C (85 % of In)

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	5.100 cm
Package 1 Length	310.000 cm
Package 1 Weight	5.000 kg
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	13.000 cm
Package 2 Width	16.000 cm
Package 2 Length	315.000 cm
Package 2 Weight	32.000 kg
Unit Type Of Package 3	PAL
Number Of Units In Package 3	72
Package 3 Height	51.000 cm
Package 3 Width	64.000 cm
Package 3 Length	320.000 cm
Package 3 Weight	393.000 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](#)

✓ Pvc Free

✓ 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