Product datasheet

Specifications

Green Premium™

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

KBB25ED42305W

Main

Range Of Product	Canalis
Device Short Name	KBB
Offer Type	Classic Control system
Product Or Component Type	Straight length
Busbar Description	Distribution length
Device Application	Lighting Power socket distribution
[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 L + N + PE
Number Of Circuits	2
Number Of Tap-Off Outlets	5
Control Type	Communicating
Communication Port Protocol	DALI
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 $kA^2.s$
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

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

Width	30 mm
Height	46 mm
Length	3 m
Colour	White (RAL 9003)
Net Weight	4.7 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	5.000 cm
Package 1 Width	6.000 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	16.500 cm
Package 2 Length	314.500 cm
Package 2 Weight	31.000 kg
Unit Type Of Package 3	PAL
Number Of Units In Package 3	72
Package 3 Height	52.000 cm
Package 3 Width	63.000 cm
Package 3 Length	318.000 cm
Package 3 Weight	430.500 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_2 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 >

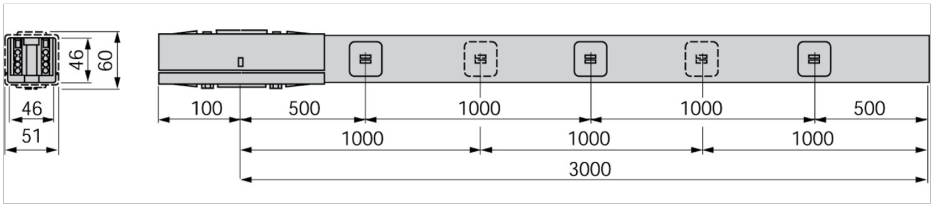
Guide to assess a product's sustainability >

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	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
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
Circularity Profile	No need of specific recycling operations

Dimension Drawings