Product datasheet

Specifications

Green Premium™

Straight length, Canalis KBA, 25A, 1 circuit, L+N+PE, compatible KNX, 5 outlets, 3m, white RAL9003

KBA25ED2305TW

Main

Range Of Product	Canalis
Device Short Name	KBA
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	L + N + PE
Number Of Circuits	1
Number Of Tap-Off Outlets	5
Control Type	Communicating
Communication Port Protocol	KNX
Mounting Mode	By clips

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 <0.54 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	2.4 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	4.6 cm
Package 1 Width	3.0 cm
Package 1 Length	300.0 cm
Package 1 Weight	2.5 kg
Unit Type Of Package 2	CAR
Number Of Units In Package 2	6
Package 2 Height	10.5 cm
Package 2 Width	10.5 cm
Package 2 Length	318.0 cm
Package 2 Weight	15.1 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
Pvc Free	
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