Product data sheet
Characteristics

KBB25ED42305W
Straight length, Canalis KBB, 25A, 2 circuits, 3L+N+PE/L+N+PE, compatible DALI, 5 outlets, 3m, white RAL9003



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
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

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
Halogen-free status	Halogen free product
PVC free	Yes
Silicone-free	Yes
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

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised