

Product data sheet

Characteristics

KBB25ED42305W

Straight length, Canalis KBB, 25 A, 2 circuits
3L+N+PE and L+N+PE, 5 tap-off units, 3 m,
white



Main

Range of product	Canalis
Product or component type	Busbar trunking
Product compatibility	KBB

Complementary

Device application	Lighting Power socket distribution
Maximum radiated magnetic field	2 pT
[Ue] rated operational voltage	230...400 V
[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	690 V
[Ie] rated operational current	25 A at 35 °C
Network frequency	50/60 Hz
[Icw] rated short-time withstand current	0.44 kA
[Ipk] rated peak withstand current	4.4 kA
Thermal stress limit	195 kA ² .s
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
Mounting mode	By screws
Busbar description	Straight length
Busbar trunking polarity	3L + N + PE L + N + PE
Number of circuits	2
Number of tap-off outlets	5
Control type	Without
Standards	EN/IEC 61439-6 EN/IEC 60439-2
Width	3100 mm
Depth	51 mm
Height	60 mm
Length	3 m
Colour	White (RAL 9003)
Net weight	4.7 kg
Quantity per set	Set of 6

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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 Weight	5 kg
Package 1 Height	5 cm
Package 1 width	6 cm
Package 1 Length	310 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	31 kg
Package 2 Height	13 cm
Package 2 width	16.5 cm
Package 2 Length	314.5 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	72
Package 3 Weight	430.5 kg
Package 3 Height	52 cm
Package 3 width	63 cm
Package 3 Length	318 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months
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