

# Product data sheet

## Characteristics

# KBB40ED22305W

Straight length, Canalis KBB, 40 A, 2 circuits 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	40 A at 35 °C
Network frequency	50/60 Hz
[Icw] rated short-time withstand current	0.94 kA
[Ipk] rated peak withstand current	9.6 kA
Thermal stress limit	900 kA <sup>2</sup> .s
THDI	0...15 % 40 A 15...33 % 32 A 33...100 % 28 A
Maximum voltage drop	<0.3 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.28 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.25 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.22 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	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	5.2 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	5.1 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 cm
Package 2 Length	314 cm
Unit Type of Package 3	PAL
Number of Units in Package 3	72
Package 3 Weight	398 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	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
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
Halogen content performance	Halogen free product

## Contractual warranty

Warranty	18 months
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