

Product datasheet

Specifications

CANALIS LENGTH KBB40 BUS WHITE



KBB40ED42305TW

EAN Code: 3606480499166

Main

Range of product	Canalis
Device short name	KBB
Offer type	Control system
Product or component type	Straight length
Busbar description	Distribution length
Device application	Power socket distribution Lighting
[Ie] rated operational current	40 A at 35 °C
[Ue] rated operational voltage	230...400 V
Network frequency	50/60 Hz
Busbar trunking polarity	L + N + PE 3L + N + PE
Number of circuits	2
Number of tap-off outlets	5
control type	Communicating
Communication port protocol	DALI KNX
Mounting mode	By screws

Complementary

[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	690 V
[Icw] rated short-time withstand current	0.94 kA
[Ipk] rated peak withstand current	9.6 kA
Thermal stress limit	900 kA ² .s
Maximum radiated magnetic field	2 pT
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
Standards	EN/IEC 61439-6 EN/IEC 61439-1

Width	30 mm
Height	46 mm
Length	3 m
Colour	White (RAL 9003)
Net weight	5.7 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	5.1 cm
Package 1 Width	5.0 cm
Package 1 Length	315.0 cm
Package 1 Weight	5.5 kg
Unit Type of Package 2	CAR
Number of Units in Package 2	6
Package 2 Height	13.0 cm
Package 2 Width	16.0 cm
Package 2 Length	315.0 cm
Package 2 Weight	34.22 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	72
Package 3 Height	51.0 cm
Package 3 Width	64.0 cm
Package 3 Length	318.0 cm
Package 3 Weight	422.6 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Compliant

REACH Regulation

[REACH Declaration](#)

Halogen-free status

Halogen free product

PVC free

Yes

Silicone-free

Yes

Use Longer

Lifetime extension

Repair

No

Use Again

Repack and remanufacture

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 never end up in rubbish bins