

# Product datasheet

Specifications



## Straight length, Canalis KBA, 40 A, 1 circuit 3L+N+PE, 5 tap-off units, 3 m, white

Local distributor code:  
395946248

KBA40ED4305W

**EAN Code: 3606480498862**

## Main

Range of product	Canalis
Device short name	KBA
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	40 A at 35 °C
[Ue] rated operational voltage	230...400 V
Network frequency	50/60 Hz
Busbar trunking polarity	3L + N + PE
Number of circuits	1
Number of tap-off outlets	5
Control type	Communicating
Communication port protocol	DALI
Mounting mode	By clips

## Complementary

[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	690 V
[Icw] rated short-time withstand current	0.94 kA
[Ipk] rated peak withstand current	9.6 kA
Thermal stress limit	900 kA <sup>2</sup> .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	3.1 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	4.500 cm
Package 1 Width	3.200 cm
Package 1 Length	314.000 cm
Package 1 Weight	3.000 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	10.200 cm
Package 2 Width	10.400 cm
Package 2 Length	318.000 cm
Package 2 Weight	19.000 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	144
Package 3 Height	52.500 cm
Package 3 Width	64.000 cm
Package 3 Length	320.000 cm
Package 3 Weight	476.000 kg

## Logistical informations

Country of origin	FR
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## 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

[Free of Substances of Very High Concern above the threshold](#)

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

Nej

WEEE Label

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimension Drawings

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