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Product data sheet
Characteristics

KBA40ED4303TW
Straight length, Canalis KBA, 40A, 1 circuit, 3L +N+PE, compatible DALI and KNX, 3 outlets, 3m, white RAL9003

Green Premium™

Main

Range of product	Canalis
Device short name	KBA
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	3L + N + PE
Number of circuits	1
Number of tap-off outlets	3
Control type	Communicating
Communication port protocol	DALI KNX
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 kA².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)
Product weight	3.1 kg

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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 Height	3.0 cm
Package 1 Width	4.7 cm
Package 1 Length	314.0 cm
Package 1 Weight	3.15 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	10.4 cm
Package 2 Width	10.4 cm
Package 2 Length	318.5 cm
Package 2 Weight	19.55 kg

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months