Product data sheet
Characteristics

KNA63ED4306
STRAIGHT LENGTH 63 A



Main

Range of product	Canalis
Product name	KN
Product or component type	Straight length
Device application	Low power distribution
[Ie] rated operational current	63 A at 35 °C
Busbar trunking polarity	3L + N + PE 3L + PEN
Number of tap-off outlets	6
Length	3 m

Complementary

[Ue] rated operational voltage	230...500 V
Network frequency	50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV
[Ui] rated insulation voltage	500 V
[Icw] rated short-time withstand current	1.4 kA
[Ipk] rated peak withstand current	11 kA
Electrical connection	Lubricated sliding contact
Radiated magnetic field	0.063 µT
Thermal stress limit	1980 kA².s
THDI	0…15 % 63 A 15…33 % 50 A 33…100 % 40 A
Maximum voltage drop	<0.178 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.169 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.155 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.140 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Neutral position	Up
Number of circuits	1
Control type	Without
Standards	IEC 61439-6
Width	92 mm
Depth	27.5 mm
Colour	White (RAL 9001)
Net weight	5.7 kg

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Ambient air temperature for operation	0…35 °C (100 % of In) 35…40 °C (97 % of In) 40…45 °C (94 % of In) 45…50 °C (91 % of In) 50…55 °C (87 % of In)

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	10.000 cm
Package 1 Length	310.000 cm
Package 1 Weight	5.000 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	10.500 cm
Package 2 Width	15.500 cm
Package 2 Length	314.000 cm
Package 2 Weight	21.000 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	48
Package 3 Height	45.400 cm
Package 3 Width	68.000 cm
Package 3 Length	320.000 cm
Package 3 Weight	315.000 kg

Offer Sustainability

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
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