Disclaimer. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Straight distribution length, Canalis KN, additional, aluminium, 40A, 3L+N+PE, fixed length 3m, 1 outlet, RAL9001

KNA40ED4301

Main

Range of product	Canalis	
product name	KN	
Product or component type	Straight length	
Device application	Low power distribution	
[le] rated operational current	40 A at 35 °C	
Busbar trunking polarity	3L + PEN 3L + N + PE	
Number of tap-off outlets	1	
Length	3 m	

Complementary

Complementary		
[Ue] rated operational voltage	230500 V	
Network frequency	50/60 Hz	
[Uimp] rated impulse withstand voltage	6 kV	
[Ui] rated insulation voltage	500 V	
[lcw] rated short-time withstand current	1.4 kA	
[lpk] rated peak withstand current	6 kA	
Electrical connection	Lubricated sliding contact	
Radiated magnetic field	0.039 μΤ	
Thermal stress limit	1980 kA².s	
THDI	015 % 40 A 1533 % 32 A 33100 % 28 A	
Maximum voltage drop	<0.168 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.161 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.147 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.133 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)	
Product weight	5.5 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	035 °C (100 % of In) 3540 °C (97 % of In) 4045 °C (94 % of In) 4550 °C (91 % of In) 5055 °C (87 % of In)	

Packing Units

PCE
1
3.500 cm
10.000 cm
310.000 cm
5.000 kg
BB1
4
11.000 cm
16.000 cm
314.000 cm
22.000 kg
PAL
48
45.400 cm
68.000 cm
320.000 cm
310.200 kg

Contractual warranty

Warranty 18 months



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 Disclosure

Product Environmental Profile

Use Better

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
China RoHS Regulation	China RoHS declaration

Use Again

○ Repack and remanufacture	
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
Halogen content performance	Halogen free product
Take-back	No