

Product data sheet

Characteristics

KDP20ED424150

Canalis - distribution flexible length - 20 A - 24 m - 1.50 m between tap-offs



Main

Range of product	Canalis
Product or component type	Busbar trunking
Product compatibility	KDP
Busbar description	Flexible bar

Complementary

Device application	Lighting Power socket distribution
[Ue] rated operational voltage	230...400 V
[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	690 V
[Ie] rated operational current	20 A at 35 °C
[Icw] rated short-time withstand current	0.34 kA
[Ipk] rated peak withstand current	3.6 kA
Network frequency	50/60 Hz
Maximum radiated magnetic field	2 pT
THDI	0...15 % 20 A 15...33 % 16 A 33...100 % 14 A
Maximum voltage drop	<0.72 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.65 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.58 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.5 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Busbar trunking polarity	L2 + L1 + L3 + N + PE
Tap-off unit interval	1500 mm
Type of packing	Spool
Standards	EN/IEC 61439-6 EN/IEC 60439-2
Length	23 m
Net weight	7.68 kg

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	35...40 °C (93 % of In) 40...45 °C (85 % of In) 45...50 °C (76 % of In) 50...55 °C (66 % of In) 0...35 °C (100 % of In)

Packing Units

Package 1 Weight	0.333 kg
Package 1 Height	0.100 dm
Package 1 width	8.000 dm
Package 1 Length	8.000 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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