

## Product data sheet

### Characteristics

# KDP20ED424300

Canalis, Distribution flexible length - 20 A - 24 m - 3 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	3000 mm
Type of packing	Spool
Standards	EN/IEC 60439-2 EN/IEC 61439-6
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)

## Offer Sustainability

EU RoHS Directive

Pro-active compliance (Product out of EU RoHS legal scope)  [EU RoHS Declaration](#)

## Contractual warranty

Warranty

18 months