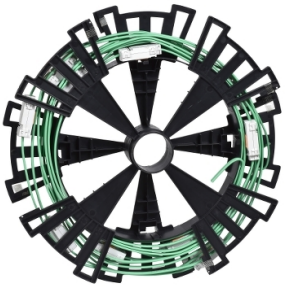
Product datasheet

Specifications

Green Premium™



DISTRIBUTION LENGTH 20A 24M

KDP20ED424120

Discontinued

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	1200 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

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

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)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)