Product datasheet

Specifications

Green Premium™

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

KDP20ED424150

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

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

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)