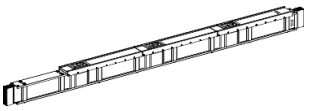
Product datasheet

Specifications

Green Premium™



Straight distribution length, Canalis KTA, aluminium, 3200A, 3L+N+PER (Al), fixed length 4m, 3 KH tap off units, RAL9001

KTA3200EH540

Main

Range	Canalis
Product Name	KT
Product Or Component Type	Busbar trunking
Busbar Description	Distribution length
Device Short Name	KTA
Tap-Off Unit Compatibility	Plug-in tap-off unit from Canalis KH
Device Application	High power distribution
Material	Aluminium
[Ie] Rated Operational Current	3200 A at 35 °C
Polarity	3L + N + PER
Number Of Tap-Off Outlets	3
Nominal Output Current	100…630 A
Earth Conductor	Reinforced
Short-Circuit Level	Standard version
Length	4000 mm
Provided Equipment	Trunking unit

Complementary

Housing Material	Polyester film
Contacts Material	Copper
[Ue] Rated Operational Voltage	1000 V
Network Frequency	50/60 Hz
[Ui] Rated Insulation Voltage	1000 V
[Icw] Rated Short-Time Withstand Current	86 kA
[Ipk] Rated Peak Withstand Current	189 kA
Electrical Connection	Sliding contact
Radiated Magnetic Field	2.1 µT
Thermal Stress Limit	7396000 $kA^2.s$
Thdi	0…15 % 3200 A 15…33 % 4000 A

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

Maximum Voltage Drop	<0.0018 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0019 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0018 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0017 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Mode	By hook
Mounting Support	Pendant Cantilever arm
Installation Direction	Horizontal Vertical
Neutral Position	Right
Tap-Off Unit Interval	1000 mm
Standards	IEC 61439-1 IEC 61439-6
Dimension Type	Fix
Width	140 mm
Height	324 mm
Colour	White (RAL 9001)
Net Weight	148 kg
Linear Load	37 kg/m

Environment

Ip Degree Of Protection	IP55 conforming to IEC 60529
Ik Degree Of Protection	IK08 conforming to IEC 62262
Derating Factor	0…35 °C (100 % of In) 35…40 °C (97 % of In) 40…45 °C (93 % of In) 45…50 °C (90 % of In) 50…55 °C (86 % of In)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	32.4 cm
Package 1 Width	14.0 cm
Package 1 Length	400.0 cm
Package 1 Weight	214.0 kg

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 >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information