KRA2500ET415
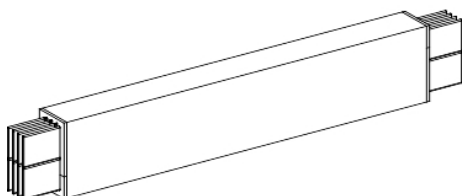
Straight feeder length, Canalis KR, aluminium, 2500A, 3L+N/3L+PE/3L+PEN, made to measure length 1m-1.5m, grey RAL7030

Green Premium™

Main

Range	Canalis
Product name	KR
Product or component type	Busbar trunking
Busbar description	Transport length
Device short name	KRA
Product specific application	Enterprise data centres Oil and gas Water and waste water Real estate and office buildings Mining minerals and metals Healthcare
Device application	Feeder length
Material	Aluminium
[Ie] rated operational current	2500 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Number of tap-off outlets	0
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	1001…1500 mm

Complementary

Housing material	Mineral epoxy resin
Contacts material	Tinned aluminium
[Ue] rated operational voltage	1000 V
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[Icw] rated short-time withstand current	80 kA
[Ipk] rated peak withstand current	176 kA
Radiated magnetic field	27.94 mT
Thermal stress limit	6400000 kA².s
Maximum voltage drop	<0.0045 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0062 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0066 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0067 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Installation direction	Vertical Horizontal
Product certifications	CE[RETURN]ATEX[RETURN]EAC
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Width	100 mm
Height	270 mm
Colour	Grey (RAL 7030)
Linear load	68 kg/m

Environment

IP degree of protection	IP68 conforming to IEC 60529
IK degree of protection	IK10 conforming to IEC 62262
Pollution degree	3
Fire resistance	760 °C 180 min conforming to IEC 60331-1
Derating factor	0…35 °C (100 % of In) 35…40 °C (96 % of In) 40…45 °C (89 % of In) 45…50 °C (84 % of In) 50…55 °C (78 % of In)
Operating altitude	1000 m 100 % of In (indoor) 2000 m 99 % of In (indoor) 3000 m 96 % of In (indoor) 4000 m 90 % of In (indoor) 1000 m 98 % of In (outdoor) 2000 m 94 % of In (outdoor) 3000 m 89 % of In (outdoor) 4000 m 83 % of In (outdoor)
Environmental characteristic	EMC directive conforming to IEC 61439-6

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27.0 cm
Package 1 Width	10.0 cm
Package 1 Length	150.0 cm
Package 1 Weight	107.1 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

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