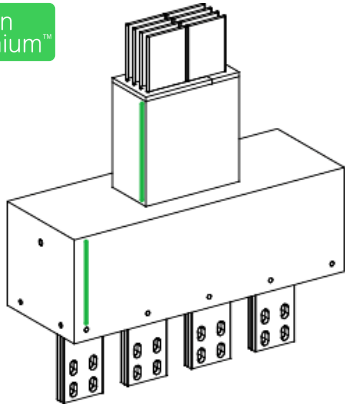


Product data sheet

Specifications



CANALIS KR 4X2500CU STRAIGHT FEED UNIT ER7

KRC2500ER47

Main

Range	Canalis
Product name	KR
Product or component type	Straight feeder trunking
Device short name	KRC
Product specific application	Oil and gas Healthcare Enterprise data centres Mining minerals and metals Water and waste water Real estate and office buildings
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Copper
[Ie] rated operational current	2500 A at 35 °C
Busbar/Connection pads direction type	Flat to straight
Earth conductor	Standard earth
Short-circuit level	Standard version

Complementary

Housing material	Mineral epoxy resin
Contacts material	Tinned copper
[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	22.1 mT
Thermal stress limit	6400 A².s
Maximum voltage drop	<0.003 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.006 V with power factor = 0.8 at 50 Hz with 1A for 100 m long

	<0.006 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Busbar incoming	Vertical
Polarity	3L + N or 3L + PE or 3L + PEN
Product certifications	EAC ATEX CE
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	Grey (RAL 7030)
Linear load	87 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	25.0 cm
Package 1 Width	70.0 cm
Package 1 Length	120.0 cm
Package 1 Weight	173.565 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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)

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

Recommended replacement(s)