Product data sheet
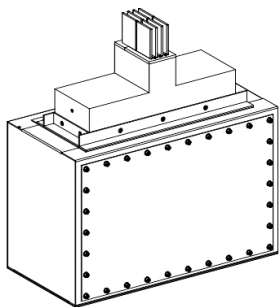
Specifications

Cable end feed unit, Canalis KRC, copper, 5000A, 3L+N+PE, made to measure dimensions, grey RAL7030

KRC5000ER59

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Cable end feeder trunking
Device Short Name	KRC
Product Specific Application	Enterprise data centres Real estate and office buildings Oil and gas Mining minerals and metals Healthcare Water and waste water
Device Application	Feeder length
Supply	Switchboard Oil-immersed transformer
Material	Copper
[Ie] Rated Operational Current	5000 A at 35 °C
Busbar/Connection Pads Direction Type	Edgewise to straight
Earth Conductor	Standard earth
Short-Circuit Level	Standard version

Complementary

Housing Material	Mineral epoxy resin
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	125 kA
[Ipk] Rated Peak Withstand Current	275 kA
Radiated Magnetic Field	44.03 mT
Thermal Stress Limit	10000000 kA².s
Maximum Voltage Drop	<0.002 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.003 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor
Busbar Incoming	Vertical

Life Is On | Schneider Electric

Polarity	3L + N + PE
Product Certifications	CE ATEX EAC
Standards	IEC 61439-6
Dimension Type	Fix
Connection Pitch	100 mm
Colour	Grey (RAL 7030)
Linear Load	211 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	88.0 cm
Package 1 Width	90.0 cm
Package 1 Length	62.0 cm
Package 1 Weight	221.55 kg

Life Is On | Schneider Electric

Apr 24, 2024

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

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

✓ Halogen Free Product

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant
                                  EU RoHS Declaration

China Rohs Regulation   China RoHS declaration
                                  Pro-active China RoHS declaration (out of China RoHS legal scope)

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