



Main

Range	Canalis
Product name	KR
Product or component type	Straight feeder trunking
Device short name	KRC
Product specific application	Mining minerals and metals Enterprise data centres Water and waste water Real estate and office buildings Oil and gas Healthcare
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Copper
[Ie] rated operational current	1000 A at 35 °C
Busbar/Connection pads direction type	Edgewise busbar to straight connection pads
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	38 kA
[Ipk] rated peak withstand current	80 kA
Radiated magnetic field	8.79 mT
Thermal stress limit	1444 A ² .s
Voltage drop	With cos φ =1, 0.011 V at 50 Hz with 1A for 100 m long With cos φ =0.9, 0.015 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.016 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.016 V 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	CE ATEX EAC
Standards	IEC 61439-6
Dimension type	Made to measure
Colour	RAL 7030 : grey
Linear load	31 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	100 % of In at 0...35 °C 84 % of In at 45...50 °C 96 % of In at 35...40 °C 89 % of In at 40...45 °C 78 % of In at 50...55 °C
Operating altitude	98 % of In at 1000 m outdoor 89 % of In at 3000 m outdoor 99 % of In at 2000 m indoor 90 % of In at 4000 m indoor 94 % of In at 2000 m outdoor 83 % of In at 4000 m outdoor 100 % of In at 1000 m indoor 96 % of In at 3000 m indoor
Environmental characteristic	EMC directive conforming to IEC 61439-6 Halogen free

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1606 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information