



Main

Range	Canalis
Product name	KR
Product or component type	Long feeder trunking
Device short name	KRA
Product specific application	Real estate and office buildings Oil and gas Water and waste water Healthcare Enterprise data centres Mining minerals and metals
Device application	Feeder length
Supply	Oil-immersed transformer Switchboard
Material	Aluminium
[Ie] rated operational current	1250 A at 35 °C
Busbar/Connection pads direction type	Flat busbar to perpendicular connection pads
Earth conductor	Standard earth
Short-circuit level	Standard version

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	53 kA
[Ipk] rated peak withstand current	117 kA
Radiated magnetic field	14.68 mT
Thermal stress limit	2809 A ² .s
Voltage drop	With cos φ =0.9, 0.013 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.0133 V at 50 Hz with 1A for 100 m long With cos φ =1, 0.0102 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.0134 V at 50 Hz with 1A for 100 m long
Mounting location	Outdoor

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

	Indoor
Busbar incoming	Horizontal on side
Polarity	3L + N + PE
Product certifications	EAC CE ATEX
Standards	IEC 61439-6
Dimension type	Fix
Connection pitch	115 mm
Colour	RAL 7030 : grey
Linear load	40 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