



Main

Range	Canalis
Product name	KR
Product or component type	Reducer
Device short name	KRA
Range compatibility	Canalis - KT KTA Canalis - KT KTC Canalis - KR KRA Canalis - KR KRC
Material	Aluminium
[Ie] rated operational current	4000 A at 35 °C 4000 A
Polarity	3L + N or 3L + PE or 3L + PEN
Length	1000 mm

Complementary

Accessory / separate part category	Adaptation accessory
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	100 kA
[Ipk] rated peak withstand current	220 kA
Radiated magnetic field	44.03 mT
Thermal stress limit	10000 A ² .s
Voltage drop	With cos φ =1, 0.0026 V at 50 Hz with 1A for 100 m long With cos φ =0.9, 0.0043 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.005 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.0048 V at 50 Hz with 1A for 100 m long
Mounting location	Indoor Outdoor
Installation direction	Vertical Horizontal
Earth conductor	Standard earth

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

Product certifications	CE EAC ATEX
Standards	IEC 61439-6
Width	100 mm
Height	540 mm
Colour	RAL 7030 : grey
Linear load	115 kg/m

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 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 Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information