



## Main

Range	Canalis
Product name	KR
Product or component type	Adaptor
Device short name	KRC
Range compatibility	Canalis - KT KTA Canalis - KT KTC Canalis - KR KRA Canalis - KR KRC
Material	Copper
[Ie] rated operational current	2000 A at 35 °C 2000 A
Polarity	3L + N or 3L + PE or 3L + PEN
Length	600 mm

## Complementary

Accessory / separate part category	Adaptation accessory
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	80 kA
[Ipk] rated peak withstand current	176 kA
Radiated magnetic field	17.3 mT
Thermal stress limit	4225 A <sup>2</sup> .s
Voltage drop	With cos φ =0.9, 0.006 V at 50 Hz with 1A for 100 m long With cos φ =0.8, 0.007 V at 50 Hz with 1A for 100 m long With cos φ =0.7, 0.007 V at 50 Hz with 1A for 100 m long With cos φ =1, 0.004 V at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Installation direction	Horizontal Vertical
Earth conductor	Standard earth

Product certifications	ATEX EAC CE
Standards	IEC 61439-6
Width	KT side: 140 mm KR side: 100 mm
Height	KR side: 190 mm KT side: 164 mm
Colour	RAL 7030 : grey
Linear load	72 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 - since 1607 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">End of Life Information</a>