



Main

Range	Canalis
Product name	KR
Product or component type	Busbar trunking
Busbar description	Transport length
Device short name	KRA
Product specific application	Oil and gas Water and waste water Mining minerals and metals Healthcare Enterprise data centres Real estate and office buildings
Device application	Feeder length
Material	Aluminium
[Ie] rated operational current	4000 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Number of tap-off outlets	0
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	1001...1500 mm

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	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	Horizontal Vertical
Product certifications	ATEX CE EAC
Standards	IEC 61439-6
Dimension type	Made to measure
Width	100 mm
Height	460 mm
Colour	RAL 7030 : grey
Linear load	115 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	1000 °C 90 min conforming to DIN 4102-12 2000
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