

Edgewise elbow, Canalis KRA, aluminium, 1250A, fire rated, 3L+N/3L+PE/3L+PEN, made to measure length 0.35-0.65m, RAL7030

KRA1250FC4B

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Elbow
Device Short Name	KRA
Product Specific Application	Water and waste water Real estate and office buildings Enterprise data centres Healthcare Mining minerals and metals Oil and gas
Device Application	Change direction
Material	Aluminium
[le] Rated Operational Current	1250 A at 35 °C
Polarity	3L + N or 3L + PE or 3L + PEN
Direction Change Type	direction 1: edgewise to upward
Operating Angle	90 °
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
[lpk] Rated Peak Withstand Current	117 kA
Radiated Magnetic Field	14.68 mT
Thermal Stress Limit	2809000 kA².s
Maximum Voltage Drop	<0.0102 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.013 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0134 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0133 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Indoor Outdoor

Product Certifications	ATEX EAC CE
Standards	IEC 61439-6
Dimension Type	Made to measure
Width	140 mm
Height	230 mm
Length	5001000 mm
Colour	Grey (RAL 7030)
Linear Load	34 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	035 °C (100 % of In)
	3540 °C (96 % of In)
	4045 °C (89 % of In)
	4550 °C (84 % of In)
	5055 °C (78 % of In)
Operating Altitude	1000 m 100 % of In (indoor)
	2000 m 99 % of In (indoor)
	3000 m 96 % of In (indoor)
	4000 m 90 % of In (indoor)
	1000 m 98 % of In (outdoor)
	2000 m 94 % of In (outdoor)
	3000 m 89 % of In (outdoor)
	4000 m 83 % of In (outdoor)
Environmental Characteristic	EMC directive conforming to IEC 61439-6

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	23.0 cm
Package 1 Width	50.0 cm
Package 1 Length	100.0 cm
Package 1 Weight	53 55 kg

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc
⊘	Toxic Heavy Metal Free
⊘	Mercury Free
⊘	Rohs Exemption Information Yes
②	Halogen Free Product

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information