

Edgewise tee, Canalis KRA, aluminium, 800A, 3L+N+PE, fixed length 0.35m, grey RAL7030

KRA0800TC5A

Main

Range	Canalis
Product Name	KR
Product Or Component Type	Tee
Device Short Name	KRA
Product Specific Application	Healthcare Water and waste water Mining minerals and metals Enterprise data centres Oil and gas Real estate and office buildings
Device Application	Change direction
Material	Aluminium
[le] Rated Operational Current	800 A at 35 °C
Polarity	3L + N + PE
Direction Change Type	direction 1: edgewise to perpendicular
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	27 kA
[lpk] Rated Peak Withstand Current	56 kA
Radiated Magnetic Field	8.79 mT
Thermal Stress Limit	729000 kA².s
Maximum Voltage Drop	<0.0166 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0169 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.016 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0149 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting Location	Outdoor Indoor

Product Certifications	CE ATEX EAC	
Standards	IEC 61439-6	
Dimension Type	Fix	
Width	90 mm	
Height	90 mm	
Length	direction 1: 350 mm direction 3: 350 mm direction 2: 350 mm	
Colour	Grey (RAL 7030)	
Linear Load	22 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	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	33.0 cm
Package 1 Width	34.0 cm
Package 1 Length	35.0 cm
Package 1 Weight	24.0 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

Ø	Reach Free Of Svhc
	Toxic Heavy Metal Free
②	Mercury Free
②	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