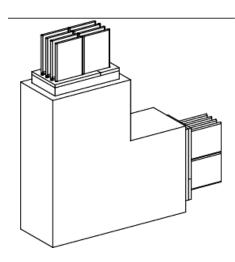
Product data sheet Characteristics

KRA4000FC3A

Canalis - Al fire rated edgewise elbow - 4000A - 3L



Range	Canalis	
Product name	KR	
Product or component type	Elbow	
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	Change direction	
Material	Aluminium	
[le] rated operational current	4000 A at 35 °C	
Polarity	3L	
Direction change type	Direction 1 : edgewise to upward	
Operating angle	90 °	
Short-circuit level	Standard version	

Complementary

Housing material	Mineral epoxy resin	. <u>v</u>
Contacts material	Tinned aluminium	
[Ue] rated operational voltage	1000 V	2) Poetiti ita for
Network frequency	50/60 Hz	: -
[Ui] rated insulation voltage	1000 V	
[lcw] rated short-time withstand current	100 kA	
[lpk] rated peak withstand current	220 kA	i interded
Radiated magnetic field	44.03 mT	75
Thermal stress limit	10000 A².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	This documentation
Mounting location	Indoor Outdoor	

Product certifications	ATEX
	CE
	EAC
Standards	IEC 61439-6
Dimension type	Fix
Width	100 mm
Height	460 mm
Length	500 mm
Colour	Grey : RAL 7030
Linear load	102 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 035 °C 84 % of In at 4550 °C 96 % of In at 3540 °C 89 % of In at 4045 °C 78 % of In at 5055 °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

onor odotamasmity	
RoHS (date code: YYWW)	Compliant - since 1607 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available Life Information