

# Product data sheet

## Characteristics

# KRA4000FT525

Straight feeder length, Canalis KR, aluminium, 4000A, 3L+N+PE, fire rated, made to measure length 2m-2.5m, grey RAL7030



### Main

Range	Canalis
Product name	KR
Product or component type	Busbar trunking
Busbar description	Transport length Fire rated
Device short name	KRA
Product specific application	Water and waste water Real estate and office buildings Oil and gas Enterprise data centres Mining minerals and metals Healthcare
Device application	Feeder length
Material	Aluminium
[Ie] rated operational current	4000 A at 35 °C
Polarity	3L + N + PE
Number of tap-off outlets	0
Earth conductor	Standard earth
Short-circuit level	Standard version
Length	2001...2500 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	10000000 kA <sup>2</sup> .s
Maximum voltage drop	<0.0026 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0043 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0048 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.005 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting location	Outdoor Indoor
Installation direction	Vertical Horizontal
Product certifications	EAC[RETURN]ATEX[RETURN]CE
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Width	160 mm
Height	580 mm

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Colour	Grey (RAL 7030)
Linear load	137 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	0...35 °C (100 % of In) 35...40 °C (96 % of In) 40...45 °C (89 % of In) 45...50 °C (84 % of In) 50...55 °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	58.0 cm
Package 1 Width	16.0 cm
Package 1 Length	250.0 cm
Package 1 Weight	359.625 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product