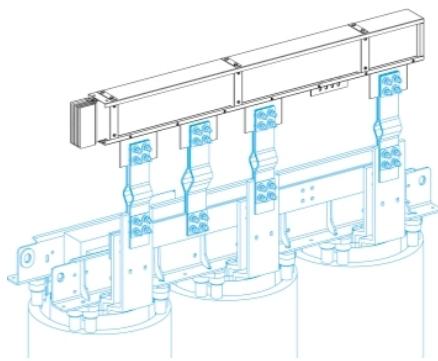


# Product data sheet

## Characteristics

# KTA1600EL52

Feed unit for dry type transformers, Canalis KTA, aluminium, 1600A, 3L+N+PER, made to measure, neutral N2, white RAL9001



### Main

Range	Canalis
Product name	KT
Product or component type	Side feeder trunking
Device short name	KTA
Device application	Feeder length
Supply	Dry-type transformer
Material	Aluminium
[Ie] rated operational current	1600 A at 35 °C
Neutral position	Left
Earth conductor	Reinforced
Short-circuit level	Standard version
Provided equipment	Trunking unit

### Complementary

Housing material	Polyester film
Contacts material	Copper
[Ue] rated operational voltage	1000 V
Network frequency	50/60 Hz
[Ui] rated insulation voltage	1000 V
[Icw] rated short-time withstand current	65 kA
[Ipk] rated peak withstand current	143 kA
Radiated magnetic field	0.9 µT
Thermal stress limit	4225000 kA <sup>2</sup> .s
THDI	0..15 % 1600 A 15..33 % 2000 A 33..100 % 2500 A
Maximum voltage drop	<0.0037 V with power factor = 1 at 50 Hz with 1A for 100 m long <0.0038 V with power factor = 0.9 at 50 Hz with 1A for 100 m long <0.0036 V with power factor = 0.8 at 50 Hz with 1A for 100 m long <0.0034 V with power factor = 0.7 at 50 Hz with 1A for 100 m long
Mounting mode	By screws
Mounting support	Plate
Polarity	3L + N + PER
Number of tap-off outlets	0
Standards	IEC 61439-1 IEC 61439-6
Dimension type	Made to measure
Connection pitch	470...700 mm
Bar width	200 mm
Depth	140 mm
Height	164 mm
Length	1900 mm
Colour	White (RAL 9001)
Linear load	22 kg/m

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK08 conforming to IEC 62262
Derating factor	0...35 °C (100 % of $I_n$ ) 35...40 °C (97 % of $I_n$ ) 40...45 °C (93 % of $I_n$ ) 45...50 °C (90 % of $I_n$ ) 50...55 °C (86 % of $I_n$ )

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	34.0 cm
Package 1 Width	13.8 cm
Package 1 Length	190.0 cm
Package 1 Weight	29.6 kg