K2B504T

body for switch - 1 pole - 30° - 20 A - rear mounting



Main Range of product Harmony K Product or component Cam switch body Component name K2 [Ith] conventional free 20 A air thermal current Sub-assembly compo-Contact blocks + fixing plate sition Cam switch function OFF-ON switch Return Spring return from 30° to 0° Spring return from 330° to 0° Off position With Off position Poles description Switching positions Left: 0° - 330° Right: 0° - 30° Product mounting Rear mounting Fixing mode 4 holes Plastic Bezel material

\sim				
Cal	mn	lem	en	tarv

Switching angle	30 °	
[Ui] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1	
[Ithe] conventional enclosed thermal current	16 A	
Rated operational power in W	8000 W AC-21 / 230 V 3 phases conforming to IEC 947-3 5500 W AC-23A / 690 V 3 phases conforming to IEC 947-3 5500 W AC-23A / 500 V 3 phases conforming to IEC 947-3 5500 W AC-23A / 400 V 3 phases conforming to IEC 947-3 4000 W AC-3 / 690 V 3 phases conforming to IEC 947-3 4000 W AC-3 / 500 V 3 phases conforming to IEC 947-3 4000 W AC-3 / 400 V 3 phases conforming to IEC 947-3 4000 W AC-23A / 230 V 3 phases conforming to IEC 947-3 2200 W AC-3 / 400 V 1 phase conforming to IEC 947-3 2200 W AC-3 / 230 V 3 phases conforming to IEC 947-3 17000 W AC-21 / 500 - 660 V 3 phases conforming to IEC 947-3 14000 W AC-21 / 400 V 3 phases conforming to IEC 947-3	
[le] rated operational current AC	8.9 A at 500 V AC-23A 3 phases conforming to IEC 947-3 8.3 A at 230 V AC-3 3 phases conforming to IEC 947-3 6.5 A at 500 V AC-3 3 phases conforming to IEC 947-3 6.4 A at 690 V AC-23A 3 phases conforming to IEC 947-3 4.7 A at 690 V AC-3 3 phases conforming to IEC 947-3 14.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3 10.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3 8 A at 400 V AC-3 3 phases conforming to IEC 947-3 4 A at 230 V AC-15 conforming to IEC 947-5-1 3 A at 400 V AC-15 conforming to IEC 947-5-1 2 A at 500 V AC-15 conforming to IEC 947-5-1	
Electrical durability	600000 cycles AC-21 600000 cycles AC-15 200000 cycles AC-3 200000 cycles AC-23	
Operating rate	8.333 cyc/mn AC-15 2.5 cyc/mn AC-3 2.5 cyc/mn AC-23 2.5 cyc/mn AC-21	
Short-circuit current	10000 A	
Short circuit protection	20 A by cartridge fuse, type gG	

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 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.

[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 947-1 4 kV in isolating function	
Contacts operation	Slow-break	
Positive opening	With	
Electrical connection	Captive screw clamp terminals solid, 1 x 2.5 mm ² Captive screw clamp terminals flexible, 2 x 1.5 mm ²	
Mechanical durability	1000000 cycles	
Product weight	0.115 kg	

Environment

2		
Standards	EN/IEC 60947-5-1 for control circuit EN/IEC 60947-3 for power circuit CENELEC EN 50013	
Product certifications	UL 240 V 0.33 hp 1 phase 2 -pole(s) UL 240 V 1 hp 3 phases CSA 240 V 3 hp 3 phases 2 -pole(s) CSA 240 V 1 hp 1 phase	
Protective treatment	TC	
Ambient air temperature for operation	-2555 °C	
Ambient air temperature for storage	-4070 °C	
Shock resistance	30 gn conforming to IEC 68-2-27	
Vibration resistance	5 gn, 10150 Hz conforming to IEC 68-2-6	
Class of protection against electric shock	Class II conforming to NF C 20-030 Class II conforming to IEC 536	

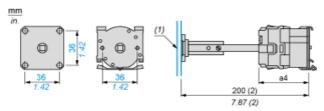


Product data sheet Dimensions Drawings

K2B504T

Body

Rear Mounting

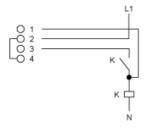


- a4 42.5 mm/1.67 in.
- (1) Panel cut-out: Ø 10 mm/0.39 in. central hole
- (2) Maximum value

Product data sheet Technical Description

K2B504T

Link Positions (Factory Mounted)



Angular Position of Switch



Switching Program



Convention Used for Switching Program Representation

Contact closed

Contact closed in 2 positions and maintained between the 2 positions

Sealed assembly for auto-maintain control

Overlapping contacts

Spring return position: for a switching angle of 90°, spring return is over 30° after the last position (for a maximum of 3 simultaneous contacts).

Example:

