

K2B1002HLH

cam switch - 2-pole - 90° - 20 A - screw mounting

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K2
[Ith] conventional free air thermal current	20 A
Mounting location	Front
Fixing mode	Multifixing
Cam switch head type	With front plate 45 x 45 mm
Type of operator	Black handle, length = 1.38 in (35 mm)
Rotary handle padlocking	Without
Presentation of legend	With metallic legend, 0 - 1 black marking
Cam switch function	Switch
Return	Without
Off position	With Off position
Poles description	2P
Switching positions	Right: 0° - 90°
IP degree of protection	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010

Complementary

Switching angle	90 °
[Ui] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1
[Ithe] conventional enclosed thermal current	16 A
Electrical durability	200000 cycles AC-23 200000 cycles AC-3 600000 cycles AC-15 600000 cycles AC-21
Operating rate	2.5 cyc/mn AC-21 2.5 cyc/mn AC-23 2.5 cyc/mn AC-3 8.333 cyc/mn AC-15
Short-circuit current	10000 A
Short-circuit protection	20 A by cartridge fuse, type gG
[Uimp] rated impulse withstand voltage	4 kV in isolating function 6 kV conforming to IEC 60947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, 2 x 1.5 mm ² Captive screw clamp terminals solid, 1 x 2.5 mm ²
Mechanical durability	1000000 cycles
CAD overall width	1.77 in (45 mm)
CAD overall height	1.77 in (45 mm)
CAD overall depth	3.03 in (77 mm)
Product weight	0.29 lb(US) (0.13 kg)

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

Standards	CENELEC EN 50013 EN 60947-3 power circuit EN 60947-5-1 control circuit IEC 60947-3 power circuit IEC 60947-5-1 control circuit
Product certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s)
Protective treatment	TC
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Shock resistance	30 gn conforming to IEC 68-2-27
Vibration resistance	5 gn, 10...150 Hz conforming to IEC 68-2-6
Overvoltage category	Class II conforming to IEC 536 Class II conforming to NF C 20-030

Ordering and shipping details

Category	21446 - 9003 K CAM SWITCHES
Discount Schedule	CS1
GTIN	003389110979626
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28000000000000003
Returnability	N
Country of origin	CZ

Offer Sustainability

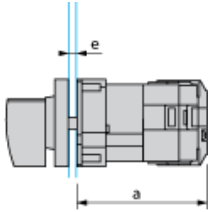
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Operating Head and Body

Front Mounting "Multi-Fixing"

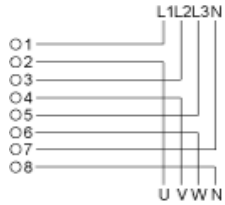


- a 53 mm/2.09 in.
- e support panel thickness 1 mm to 6 mm./0.039 in. to 0.24 in.

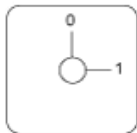
Link Positions (Factory Mounted)

Diagram for 2 to 4-pole Switches

Select the number of poles according to the product characteristics.



Marking



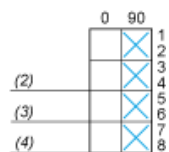
Angular Position of Switch



Switching Program

Diagram for 2 to 4-pole Switches


Select the number of poles according to the product characteristics.



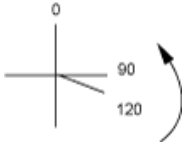
- (2) 2-pole
- (3) 3-pole
- (4) 4-pole

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:



Mouser Electronics

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