

K1B006TLH

cam changeover switch - 1 pole - 30° - 12 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	K1
[Ith] conventional free air thermal current	12 A
Product mounting	Front mounting
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, 2 - 0 - 1 black marking
Cam switch function	Reversing switch
Return	Spring return from 45° to 0° Spring return from 315° to 0°
Off position	With Off position
Poles description	1P
Switching positions	Left: 0° - 315° Right: 0° - 45°
IP degree of protection	IP40 conforming to IEC 529 IP40 conforming to NF C 20-010

Complementary

Switching angle	45 °
[Ui] rated insulation voltage	690 V degree of pollution 3 conforming to IEC 60947-1
[Ithe] conventional enclosed thermal current	10 A
Rated operational power in W	1500 W AC-3/500 V 3 phases conforming to IEC 60947-3 10500 W AC-21/500...660 V 3 phases conforming to IEC 60947-3 1500 W AC-3/400 V 1 phase conforming to IEC 60947-3 2200 W AC-23A/690 V 3 phases conforming to IEC 60947-3 1500 W AC-23A/230 V 3 phases conforming to IEC 60947-3 2200 W AC-23A/500 V 3 phases conforming to IEC 60947-3 2200 W AC-23A/400 V 3 phases conforming to IEC 60947-3 4800 W AC-21/230 V 3 phases conforming to IEC 60947-3 1100 W AC-3/230 V 3 phases conforming to IEC 60947-3 600 W AC-3/230 V 1 phase conforming to IEC 60947-3 1500 W AC-3/400 V 3 phases conforming to IEC 60947-3 8300 W AC-21/400 V 3 phases conforming to IEC 60947-3 1500 W AC-3/690 V 3 phases conforming to IEC 60947-3
[Ie] rated operational current AC	1 A at 500 V AC-15 conforming to IEC 60947-5-1 2 A at 400 V AC-15 conforming to IEC 60947-5-1 3 A at 230 V AC-15 conforming to IEC 60947-5-1 1.8 A at 690 V AC-3 3 phases conforming to IEC 60947-3 2.8 A at 500 V AC-3 3 phases conforming to IEC 60947-3 2.8 A at 690 V AC-23A 3 phases conforming to IEC 60947-3 3.3 A at 400 V AC-3 3 phases conforming to IEC 60947-3 3.8 A at 500 V AC-23A 3 phases conforming to IEC 60947-3 4.6 A at 230 V AC-3 3 phases conforming to IEC 60947-3 4.8 A at 400 V AC-23A 3 phases conforming to IEC 60947-3 5.6 A at 230 V AC-23A 3 phases conforming to IEC 60947-3
Electrical durability	1000000 cycles AC-15 1000000 cycles AC-21 500000 cycles AC-23 500000 cycles AC-3

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	16 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	0.25 lb(US) (0.115 kg)

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
Electrical shock protection class	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	003389110978698
Nbr. of units in pkg.	1
Package weight(Lbs)	0.13
Returnability	N
Country of origin	CZ

Offer Sustainability

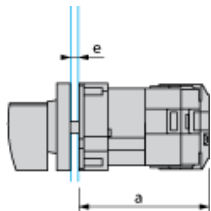
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
- - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects 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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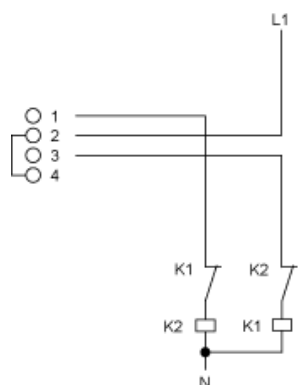
Operating Head and Body

Front Mounting "Multi-Fixing"

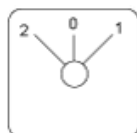


- a 53 mm/2.09 in.
- e support panel thickness 1 mm to 6 mm./0.039 in. to 0.24 in.

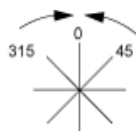
Link Positions (Factory Mounted)



Marking








Angular Position of Switch



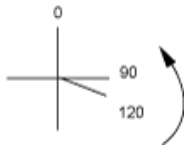
Switching Program



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:



Mouser Electronics

Authorized Distributor

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