

Product data sheet

Characteristics

K10B002ACH

cam switch - 2-pole - 60° - 10 A - for Ø 16 or 22 mm

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

Price** : 75.00 USD



⚠ Discontinued

K10B002ACH has not been replaced. Please contact your customer care center for more information.

Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K10
[I _{th}] conventional free air thermal current	10 A
Product mounting	Front mounting
Fixing mode	Ø 16 or 22 mm hole
Cam switch head type	With front plate 30 x 30 mm
Type of operator	Black handle
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° - 60°
IP degree of protection	IP20 (contact block) IP65 (operating head) conforming to IEC 60529

Complementary

Switching angle	60 °
[U _i] rated insulation voltage	440 V degree of pollution 3 conforming to IEC 60947-1
Rated operational power in W	750 W AC-23A/220/240 V 1 phase 370 W AC-23A/110/120 V 1 phase
Rated power in hp	0.33 hp AC at 110/120 V 1 phase 0.75 hp AC at 220/240 V 1 phase
[I _e] rated operational current AC	10 A at 400 V AC-1 10 A at 400 V AC-21A 3 A at 240 V AC-15 6 A at 120 V AC-15
[I _e] rated operational current DC	10 A at 24 V resistive load 0.3 A at 220 V resistive load 0.7 A at 110 V resistive load

Electrical durability	100000000 cycles
Short-circuit protection	10 A by cartridge fuse, type gG
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-1
Contact operation	Slow-break
Electrical connection	Captive screw clamp terminals, 2 x 1.5 mm ²
Mechanical durability	1000000 cycles
CAD overall width	1.18 in (30 mm)
CAD overall height	1.18 in (30 mm)
CAD overall depth	2.99 in (76 mm)
Product weight	0.08 lb(US) (0.035 kg)

Environment

Standards	CENELEC EN 50013 EN/IEC 60947-3 EN/IEC 60947-5-1
Product certifications	CULus
Protective treatment	TC
Ambient air temperature for operation	-4...131 °F (-20...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Electrical shock protection class	Class II conforming to IEC 60536

Ordering and shipping details

Category	21446 - 9003 K CAM SWITCHES
Discount Schedule	CS1
GTIN	003389110076479
Nbr. of units in pkg.	1
Package weight(Lbs)	0.11
Returnability	N
Country of origin	AT

Offer Sustainability

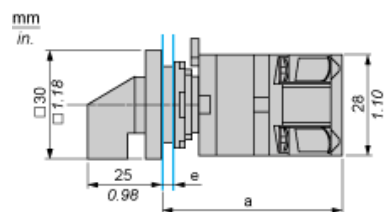
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or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

Contractual warranty

Warranty period	18 months
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Cam Switch

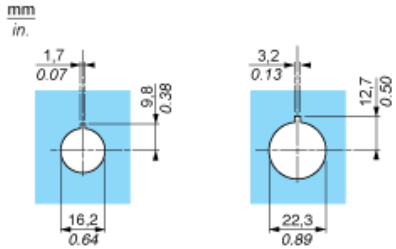
Front Mounting by $\varnothing 16$ mm/0.63 in. or $\varnothing 22$ mm/0.87 in. hole



- a 51 mm/2.01 in.
- e support panel thickness: 0.5 mm to 5 mm/0.02 in. to 0.2 in.

Cam Switch

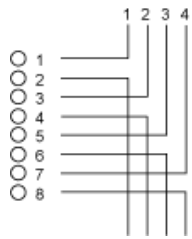
Ø 16 mm/0.63 in. and Ø 22 mm/0.87 in. Panel Cut-outs



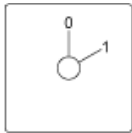
Link Positions (Factory Mounted)

Diagram for 1 to 4-pole Switches

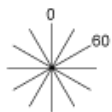
Select the number of poles according to the product characteristics.



Marking



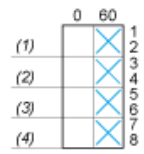
Angular Position of Switch



Switching Program

Diagram for 1 to 4-pole Switches

Select the number of poles according to the product characteristics.



- (1) 1-pole
- (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:

