

## K2H004ULH

cam changeover switch - 4-pole - 45° - 20 A - screw mounting



### Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K2
[Ith] conventional free air thermal current	20 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 = 35 mm
Rotary handle padlocking	Without
Presentation of legend	With metallic legend, 2 - 0 - 1 black marking
Cam switch function	Changeover switch
Return	Without
Off position	With Off position
Poles description	4P
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	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 947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, 2 x 1.5 mm <sup>2</sup> Captive screw clamp terminals solid, 1 x 2.5 mm <sup>2</sup>
Mechanical durability	1000000 cycles
CAD overall width	45 mm
CAD overall height	45 mm
CAD overall depth	107 mm
Product weight	0.195 kg

### Environment

standards	CENELEC EN 50013 EN 60947-3 for power circuit EN 60947-5-1 for control circuit IEC 60947-3 for power circuit
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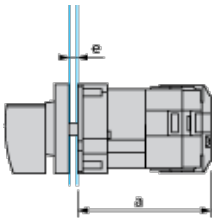
product certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s)
protective treatment	TC
ambient air temperature for operation	-25...55 °C
ambient air temperature for storage	-40...70 °C
shock resistance	30 gn conforming to IEC 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

### Contractual warranty

Warranty period	18 months
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## Operating Head and Body

### Front Mounting "Multi-Fixing"



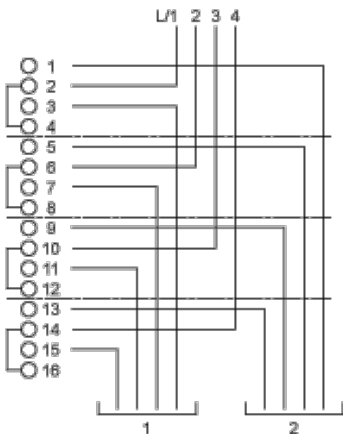
a 83 mm/3.27 in.

e support panel thickness 1 mm to 6 mm./0.039 in. to 0.24 in.

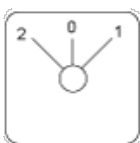
## Link Positions (Factory Mounted)

### Diagram for 1 to 4-pole Switches

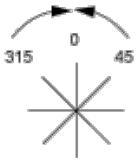
Select the number of poles according to the product characteristics.



## Marking



## Angular Position of Switch



## Switching Program

### Diagram for 1 to 4-pole Switches

Select the number of poles according to the product characteristics.

	315	0	45	
(1)	X			1
			X	2
				3
			X	4
(2)	X			5
			X	6
				7
			X	8
(3)	X			9
			X	10
				11
			X	12
(4)	X			13
			X	14
				15
			X	16

- (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:

