

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

K2B1002HLH

EAN Code: 3389110979626

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 = 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 60529

Complementary

Switching angle	90 °	
[Ui] rated insulation voltage	690 V (pollution degree 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	
Maximum 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 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, clamping capacity: 2 x 1.5 mm ² Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm ²
Mechanical durability	1000000 cycles
CAD overall width	45 mm
CAD overall height	45 mm
CAD overall depth	77 mm
Net weight	0.13 kg

Environment

Standards	IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit CENELEC EN 50013 GB/T 14048.5 for control circuit GB/T 14048.3 for power circuit	
Product certifications	CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 0.33 hp 1 phase 2 -pole(s) CSA 240 V 1 hp 1 phase UL 240 V 1 hp 3 phases CCC	
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 conforming to IEC 68-2-6 (f = 10150 Hz)	
Overvoltage category	Class II conforming to IEC 536 Class II conforming to NF C 20-030	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	6.5 cm
Package 1 Length	6.5 cm
Package 1 Weight	142.0 g

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins