



# body for stepping switch - 1 pole - 30° - 20 A - for Ø 22 mm

#### K2K010N

- ! Discontinued on: 29-Jan-2021
- ! End-of-service on: 11-Jul-2022

#### ! Discontinued

#### Main

Range of product	Harmony K	
product or component type	Cam switch body	
Component name	K2	
[Ith] conventional free air thermal current	20 A	
Sub-assembly composition	Contact blocks + fixing plate	
Cam switch function	Stepping switch	
Off position	Without Off position	
poles description	1P	
Switching positions	Right: 0° - 30° - 60° - 90° - 120° - 150° - 180° - 210° - 240° - 270°	
mounting location	Front	
Fixing mode	Ø 22 mm hole	
Bezel material	Plastic	

### Complementary

Number of steps	10
Switching angle	30 °
[Ui] rated insulation voltage	690 V (pollution degree 3) conforming to IEC 60947-1
[Ithe] conventional enclosed thermal current	16 A

#### Rated operational power in W

1300 W AC-3, 230 V 1 phase conforming to IEC 947-3
14000 W AC-21, 400 V 3 phases conforming to IEC 947-3
17000 W AC-21, 500 - 660 V 3 phases conforming to IEC 947-3
2200 W AC-3, 230 V 3 phases conforming to IEC 947-3
2200 W AC-3, 400 V 1 phase conforming to IEC 947-3
4000 W AC-23A, 230 V 3 phases conforming to IEC 947-3
4000 W AC-3, 400 V 3 phases conforming to IEC 947-3
4000 W AC-3, 500 V 3 phases conforming to IEC 947-3
4000 W AC-3, 690 V 3 phases conforming to IEC 947-3
5500 W AC-23A, 500 V 3 phases conforming to IEC 947-3
5500 W AC-23A, 690 V 3 phases conforming to IEC 947-3
5500 W AC-23A, 690 V 3 phases conforming to IEC 947-3

[le] rated operational current AC	8 A at 400 V AC-3 3 phases conforming to IEC 947-3
	10.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3
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	14.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3
	4.7 A at 690 V AC-3 3 phases conforming to IEC 947-3
	6.4 A at 690 V AC-23A 3 phases conforming to IEC 947-3
	6.5 A at 500 V AC-3 3 phases conforming to IEC 947-3
	8.3 A at 230 V AC-3 3 phases conforming to IEC 947-3
	8.9 A at 500 V AC-23A 3 phases conforming to IEC 947-3
	2 A at 500 V AC-15 conforming to IEC 947-5-1
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	3 A at 400 V AC-15 conforming to IEC 947-5-1
	4 A at 230 V AC-15 conforming to IEC 947-5-1
Electrical durability	200000 cycles AC-23
	200000 cycles AC-3
	600000 cycles AC-15
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	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
	0.000 dyd/mir/to 10
Short-circuit current	10000 A
Short-circuit protection	20 A cartridge fuse, type gG
[Uimp] rated impulse withstand	4 kV in isolating function
voltage	6 kV conforming to IEC 947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm <sup>2</sup> Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm <sup>2</sup>
Mechanical durability	1000000 cycles
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net weight	0.195 kg
Environment	
Standards	EN/IEC 60947-3 for power circuit
	EN/IEC 60947-5-1 for control circuit
	CENELEC EN 50013
Product certifications	CSA 240 V 1 hn 1 nhasa
i roddot dei unications	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	тс
Ambient air temperature for	-2555 °C
operation	

## **Contractual warranty**

Ambient air temperature for storage

Shock resistance

Vibration resistance

Warranty 18 months

-40...70 °C

30 gn conforming to IEC 68-2-27

5 gn conforming to IEC 68-2-6 (f = 10...150 Hz)



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Transparency RoHS/REACh

## Well-being performance

<b>②</b>	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
<b>②</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

## **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations