



body for stepping switch - 1 pole - 30° - 12 A - for Ø 22 mm

K1L011Q

! Discontinued on: Oct 20, 2020

! Discontinued

Main

Range Of Product	Harmony K	
Product Or Component Type	Cam switch body	
Component Name	K1	
[Ith] Conventional Free Air Thermal Current	12 A	
Sub-Assembly Composition	Contact blocks + fixing plate	
Cam Switch Function	Stepping switch	
Off Position	With Off position	
Poles Description	1P	
Switching Positions	Right: 0°-30°-60°-90°-120°-150°-180°-210°-240°-270°-300°-330°	
Mounting Location	Front	
Fixing Mode	Ø 22 mm hole	
Bezel Material	Plastic	

Complementary

Number Of Steps	11
Switching Angle	30 °
[Ui] Rated Insulation Voltage	690 V 3)IEC 60947-1
[Ithe] Conventional Enclosed Thermal Current	10 A
Rated Operational Power In W	10500 W AC-21, 500 - 660 V 3 phase IEC 947-3 1100 W AC-3, 230 V 3 phase IEC 947-3 1500 W AC-23A 230 V 3 phase IEC 947-3

1500 W AC-23A, 230 V 3 phase IEC 947-3 1500 W AC-3, 400 V 1 phase IEC 947-3 1500 W AC-3, 400 V 3 phase IEC 947-3 1500 W AC-3, 500 V 3 phase IEC 947-3 1500 W AC-3, 690 V 3 phase IEC 947-3 2200 W AC-23A, 400 V 3 phase IEC 947-3 2200 W AC-23A, 500 V 3 phase IEC 947-3 2200 W AC-23A, 690 V 3 phase IEC 947-3 4800 W AC-21, 230 V 3 phase IEC 947-3 600 W AC-3, 230 V 1 phase IEC 947-3 8300 W AC-21, 400 V 3 phase IEC 947-3

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[le] Rated Operational Current Ac	1.8 A 690 V AC-3 3 phase IEC 947-3
	2.8 A 500 V AC-3 3 phase IEC 947-3
	2.8 A 690 V AC-23A 3 phase IEC 947-3
	3.3 A 400 V AC-3 3 phase IEC 947-3
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	3.8 A 500 V AC-23A 3 phase IEC 947-3
	4.6 A 230 V AC-3 3 phase IEC 947-3
	4.8 A 400 V AC-23A 3 phase IEC 947-3
	5.6 A 230 V AC-23A 3 phase IEC 947-3
	1 A 500 V AC-15 IEC 947-5-1
	2 A 400 V AC-15 IEC 947-5-1
	3 A 230 V AC-15 IEC 947-5-1
Electrical Durability	1000000 cycles AC-15
	1000000 cycles AC-21
	500000 cycles AC-23
	500000 cycles AC-3
	300000 typics 700 0
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	16 A cartridge fuse gG
[Uimp] Rated Impulse Withstand	4 kV in isolating function
Voltage	6 kV IEC 947-1
Contact Operation	Slow-break
Positive Opening	With
Electrical Connection	Captive screw clamp terminals flexible 2 x 1.5 mm ²
	Captive screw clamp terminals nexible 2 x 1.5 mm²
	Captive Sciew Clamp terminals Schill 1 x 2.3 min
Mechanical Durability	1000000 cycles
Net Weight	0.47 lb(US) (0.215 kg)
3	o

Environment

Standards	EN/IEC 60947-3 power circuit EN/IEC 60947-5-1 control circuit CENELEC EN 50013
Product Certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phase 2 UL 240 V 1 hp 3 phase UL 240 V 0.33 hp 1 phase 2
Protective Treatment	тс
Ambient Air Temperature For Operation	-13131 °F (-2555 °C)
Ambient Air Temperature For Storage	-40158 °F (-4070 °C)
Shock Resistance	30 gn IEC 68-2-27
Vibration Resistance	5 gn 10150 Hz)IEC 68-2-6

Ordering and shipping details

Category	18406-WORLD SERVICE PARTS(OTHER OP INT)	
Discount Schedule	CS2	
Gtin	3389110442489	
Returnability	No	

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

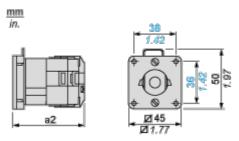
Certifications & Standards

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
California Proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Body with Plastic Base

Front Mounting by Ø 22 mm/0.87 in. Hole



a2 99 mm/3.90 in.

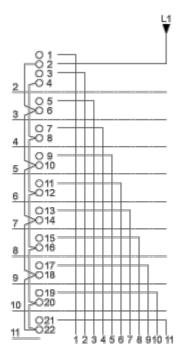
K1L011Q

Technical Description

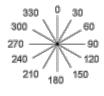
Link Positions (Factory Mounted)

Diagram for 2 to 11-step Stepping Switches

Select the number of steps according to the product characteristics.

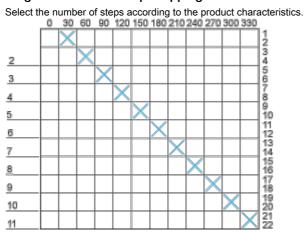


Angular Position of Switch



Switching Program

Diagram for 2 to 11-step Stepping Switches



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:

