Product data sheet

Specification





Body for stepping switch, Harmony K, Ø 22mm, plastic, 2 poles, 4 steps, 45°, 12A

K1H014N

① 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	Without Off position	
Poles Description	2P	
Switching Positions	Right: 0° - 45° - 90° - 135°	
Mounting Location	Front	
Fixing Mode	Ø 22 mm hole	
Bezel Material	Plastic	

Complementary

Number Of Steps	4	
Switching Angle	45 °	
[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-3, 400 V 1 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 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	
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 Voltage	4 kV in isolating function 6 kV IEC 947-1	
Contact Operation	on Slow-break	
Positive Opening	With	
Electrical Connection	Connection Captive screw clamp terminals flexible 2 x 1.5 mm ² Captive screw clamp terminals solid 1 x 2.5 mm ²	
Mechanical Durability	1000000 cycles	
Net Weight 0.36 lb(US) (0.165 kg)		

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	3389110444087	
Returnability	No	
Country Of Origin	CZ	

Packing Units

Unit Type Of Package 1	PCF		

Number Of Units In Package 1	1
Package 1 Height	2.56 in (6.5 cm)
Package 1 Width	2.56 in (6.5 cm)
Package 1 Length	4.33 in (11.0 cm)
Package 1 Weight	5.96 oz (169.0 g)
Unit Type Of Package 2	S01
Number Of Units In Package 2	10
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	4.12 lb(US) (1.87 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

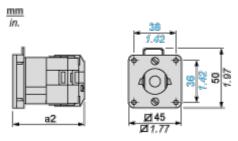
Certifications & Standards

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 79 mm/3.11 in.

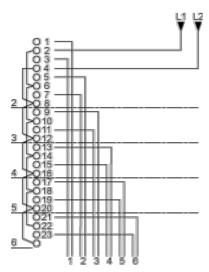
K1H014N

Technical Description

Link Positions (Factory Mounted)

Diagram for 2 to 6-step Stepping Switches

Select the number of steps according to the product characteristics.



Product data sheet

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Angular Position of Switch

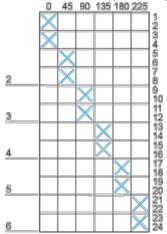


Switching Program

Diagram for 2 to 6-step Stepping Switches

Select the number of steps according to the product characteristics.

0 45 90 135 180 225



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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:

