Product data sheet





Body for changeover switch, Harmony K, Ø 22mm, plastic, 3 poles, 2 positions, 30°, 12A

K1F013U

(!) 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	Changeover switch
Off Position	Without Off position
Poles Description	3P
Switching Positions	Right: 30° Left: 30°
Mounting Location	Front
Fixing Mode	Ø 22 mm hole
Bezel Material	Plastic

Complementary

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, 550600 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 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	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	0.31 lb(US) (0.14 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	TC	
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	
Overvoltage Category	Class II IEC 536 Class II NF C 20-030	

Ordering and shipping details

Category	18406-WORLD SERVICE PARTS(OTHER OP INT)
Discount Schedule	CS2
Gtin	3389110443837
Returnability	No
Country Of Origin	DE

Packing Units

•	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.56 in (6.500 cm)
Package 1 Width	2.56 in (6.500 cm)
Package 1 Length	3.15 in (8.000 cm)
Package 1 Weight	5.04 oz (142.900 g)
Unit Type Of Package 2	S01
Number Of Units In Package 2	16
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	5.42 lb(US) (2.458 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	
⊘	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

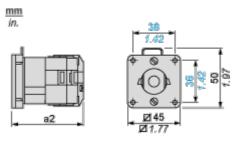
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following 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

K1F013U

Dimensions Drawings

Body with Plastic Base

Front Mounting by Ø 22 mm/0.87 in. Hole



a2 69 mm/2.78 in.

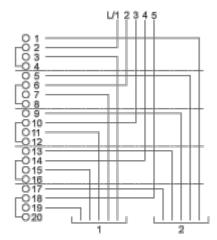
K1F013U

Technical Description

Link Positions (Factory Mounted)

Diagram for 1 to 5-pole Switches

Select the number of poles according to the product characteristics.



Product data sheet

K1F013U

Angular Position of Switch

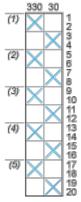


K1F013U

Switching Program

Diagram for 1 to 5-pole Switches

Select the number of poles according to the product characteristics.



- (1) 1-pole
- (2) 2-pole
- (3) 3-pole
- (4) 4-pole
- (5) 5-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:

