

Product data sheet

Specifications



Cam switch body, Harmony K,
22mm, plastic, 5 pole, with 0
position, 90 degree, 12A

K1E005H

Product availability: Non-Stock - Not normally stocked in
distribution facility

! 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	Switch
Off position	With Off position
Poles description	5P
Switching positions	Right: 0° - 90°
Mounting Location	Front
Fixing Mode	Ø 22 mm hole
Bezel material	Plastic

Complementary

Switching angle	90 °
[U] 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 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
[Ie] 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

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	Captive screw clamp terminals flexible 2 x 1.5 mm² Captive screw clamp terminals solid 1 x 2.5 mm²
Mechanical durability	1000000 cycles
Product Weight	0.29 lb(US) (0.13 kg)

Environment

Standards	IEC 60947-3 power circuit IEC 60947-5-1 control circuit CENELEC EN 50013
Product certifications	CSA 240 V 3 hp 3 phase 2 UL 240 V 0.33 hp 1 phase 2 CSA 240 V 1 hp 1 phase UL 240 V 1 hp 3 phase
Protective treatment	TC
Ambient Air Temperature for Operation	-13...131 °F (-25...55 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Shock resistance	30 gn IEC 68-2-27
Vibration resistance	5 gn 10...150 Hz)IEC 68-2-6
Overvoltage category	Class II conforming to IEC 536 Class II conforming to NF C 20-030

Ordering and shipping details

Category	US10CS218406
Discount Schedule	0CS2
GTIN	3389110443516
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.598 in (6.600 cm)
Package 1 Width	2.717 in (6.900 cm)
Package 1 Length	3.307 in (8.400 cm)
Package weight(Lbs)	5.362 oz (152.000 g)

Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	5.906 in (15.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	3.704 lb(US) (1.680 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

[Compliant](#)

REACH Regulation

[Free of Substances of Very High Concern above the threshold](#)

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

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

No need of specific recycling operations

Take-back

No

WEEE Label

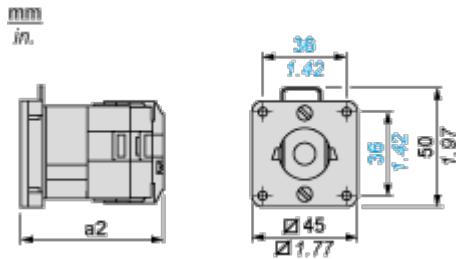


The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Body with Plastic Base

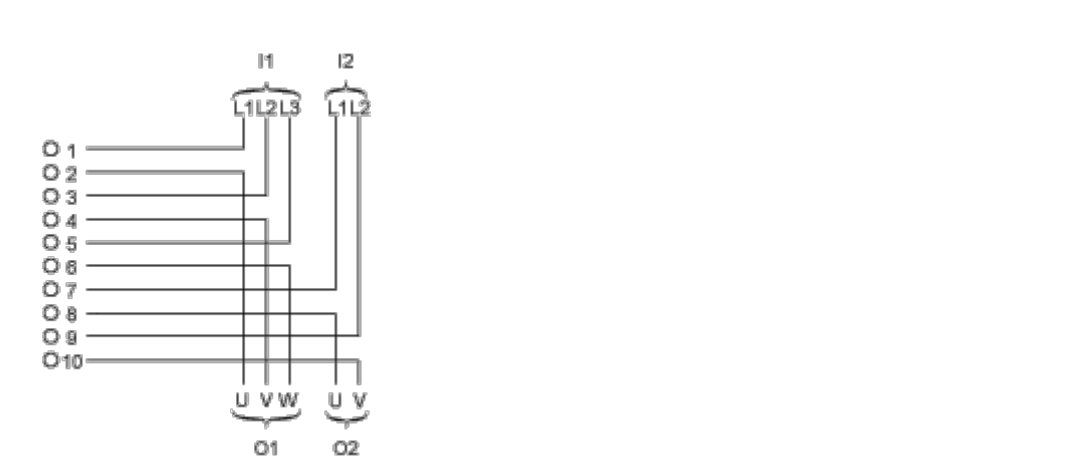
Front Mounting by Ø 22 mm/0.87 in. Hole



a2 69 mm/2.78 in.

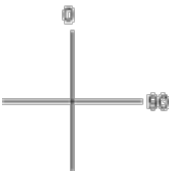
Technical Description

Link Positions (Factory Mounted)



- I1 Input 1
- I2 Input 2
- O1 Output 1
- O2 Output 2

Angular Position of Switch



Switching Program

0	90	
		1
		2
		3
		4
		5
		6
		7
		8
		9
		10

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:

