

Product data sheet

Specifications



body for changeover switch - 4-pole - 45° - 12 A - for Ø 22 mm

K1H004U

⚠ 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 | Changeover switch |
| Off Position | With Off position |
| Poles Description | 4P |
| Switching Positions | Left: 0° - 315° Right: 0° - 45° |
| Mounting Location | Front |
| Fixing Mode | Ø 22 mm hole |
| Bezel Material | Plastic |

Complementary

| | |
|--|---|
| 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, 550...600 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.

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

| | |
|--|---|
| [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 |
| 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 |
| 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 | 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 IEC 536 Class II NF C 20-030 |

Ordering and shipping details

| | |
|-------------------|---|
| Category | 18406-WORLD SERVICE PARTS(OTHER OP INT) |
| Discount Schedule | CS2 |
| Gtin | 3389110443783 |
| Returnability | No |

Packing Units

| | |
|------------------------------|------------------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 2.60 in (6.6 cm) |
| Package 1 Width | 2.60 in (6.6 cm) |
| Package 1 Length | 4.33 in (11 cm) |
| Package 1 Weight | 6.03 oz (171 g) |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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

| | |
|--|----------------|
| <div><div>✓</div><div>Reach Free Of Svhc</div></div> | |
| <div><div>✓</div><div>Toxic Heavy Metal Free</div></div> | |
| <div><div>✓</div><div>Mercury Free</div></div> | |
| <div><div>✓</div><div>Rohs Exemption Information</div></div> | <div>Yes</div> |

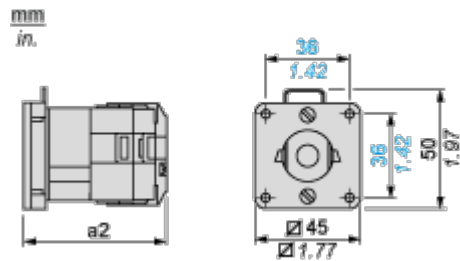
Certifications & Standards

| | |
|---------------------------|---|
| Reach Regulation | <div>REACH Declaration</div> |
| Eu Rohs Directive | <div>Pro-active compliance (Product out of EU RoHS legal scope)</div> <div>EU RoHS Declaration</div> |
| China Rohs Regulation | <div>China RoHS declaration</div> |
| Environmental Disclosure | <div>Product Environmental Profile</div> |
| Weee | <div>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</div> |
| Circularity Profile | <div>No need of specific recycling operations</div> |
| California Proposition 65 | <div>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</div> |

Dimensions Drawings

Body with Plastic Base

Front Mounting by Ø 22 mm/0.87 in. Hole



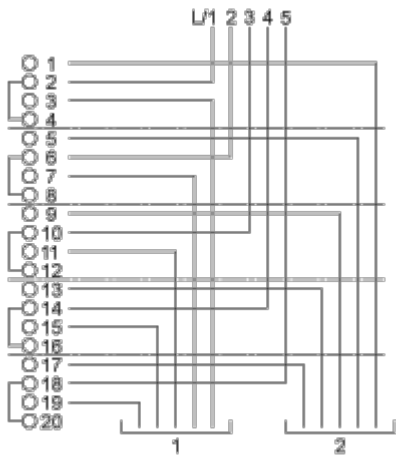
a2 79 mm/3.11 in.

Technical Description

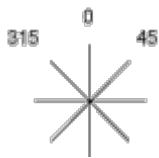
Link Positions (Factory Mounted)

Diagram for 1 to 5-pole Switches

Select the number of poles according to the product characteristics.



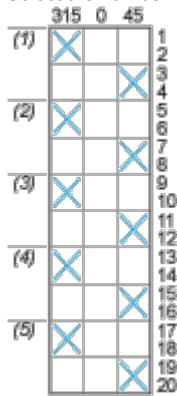
Angular Position of Switch



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:

