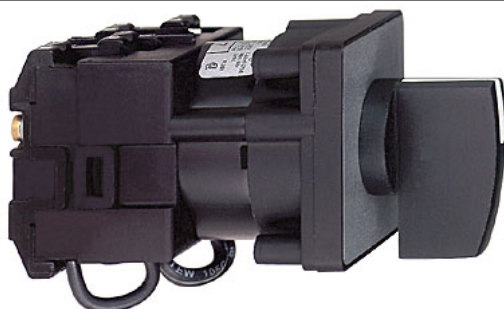


K1D002ULH

cam changeover switch - 2-pole - 45° - 12 A - screw mounting



Main

| | |
|--|--|
| Range of product | Harmony K |
| Product or component type | Complete cam switch |
| Component name | K1 |
| [I _{th}] conventional free air thermal current | 12 A |
| Product mounting | Front mounting |
| Fixing mode | Multifixing |
| Cam switch head type | With front plate 45 x 45 mm |
| Type of operator | Black handle , length = 35 mm |
| Rotary handle padlocking | Without |
| Presentation of legend | With metallic legend, 2 - 0 - 1 black marking |
| Cam switch function | Changeover switch |
| Return | Without |
| Off position | With Off position |
| Poles description | 2P |
| Switching positions | Left: 0° - 315° Right: 0° - 45° |
| IP degree of protection | IP40 conforming to NF C 20-010 IP40 conforming to IEC 529 |

Complementary

| | |
|---|--|
| Switching angle | 45 ° |
| [U _i] rated insulation voltage | 690 V degree of pollution 3 conforming to IEC 60947-1 |
| [I _{the}] conventional enclosed thermal current | 10 A |
| Rated operational power in W | 600 W AC-3 /230 V 1 phase conforming to IEC 947-3 1100 W AC-3 /230 V 3 phases conforming to IEC 947-3 1500 W AC-3 /400 V 3 phases conforming to IEC 947-3 1500 W AC-3 /500 V 3 phases conforming to IEC 947-3 1500 W AC-3 /690 V 3 phases conforming to IEC 947-3 1500 W AC-3 /400 V 1 phase conforming to IEC 947-3 1500 W AC-23A /230 V 3 phases conforming to IEC 947-3 2200 W AC-23A /400 V 3 phases conforming to IEC 947-3 2200 W AC-23A /500 V 3 phases conforming to IEC 947-3 2200 W AC-23A /690 V 3 phases conforming to IEC 947-3 4800 W AC-21 /230 V 3 phases conforming to IEC 947-3 8300 W AC-21 /400 V 3 phases conforming to IEC 947-3 10500 W AC-21 /500...660 V 3 phases conforming to IEC 947-3 |
| [I _e] rated operational current AC | 1 A at 500 V AC-15 conforming to IEC 947-5-1 1.8 A at 690 V AC-3 3 phases conforming to IEC 947-3 2 A at 400 V AC-15 conforming to IEC 947-5-1 2.8 A at 500 V AC-3 3 phases conforming to IEC 947-3 2.8 A at 690 V AC-23A 3 phases conforming to IEC 947-3 3 A at 230 V AC-15 conforming to IEC 947-5-1 3.3 A at 400 V AC-3 3 phases conforming to IEC 947-3 3.8 A at 500 V AC-23A 3 phases conforming to IEC 947-3 4.6 A at 230 V AC-3 3 phases conforming to IEC 947-3 4.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3 5.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3 |
| Electrical durability | 500000 cycles AC-3 500000 cycles AC-23 1000000 cycles AC-15 1000000 cycles AC-21 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|--|---|
| Operating rate | 2.5 cyc/mn AC-3 2.5 cyc/mn AC-23 2.5 cyc/mn AC-21 8.333 cyc/mn AC-15 |
| Short-circuit current | 10000 A |
| Short circuit protection | 16 A by cartridge fuse , type gG |
| [Uimp] rated impulse withstand voltage | 4 kV in isolating function 6 kV conforming to IEC 947-1 |
| Contacts operation | Slow-break |
| Positive opening | With |
| Electrical connection | Captive screw clamp terminals solid cable, 1 x 2.5 mm ² Captive screw clamp terminals flexible cable, 2 x 1.5 mm ² |
| Mechanical durability | 1000000 cycles |
| Product weight | 0.14 kg |

Environment

| | |
|--|--|
| Standards | CENELEC EN 50013 EN 60947-3 for power circuit EN 60947-5-1 for control circuit IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit |
| Product certifications | CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 0.33 hp 1 phase 2 -pole(s) UL 240 V 1 hp 3 phases |
| Protective treatment | TC |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Shock resistance | 30 gn conforming to IEC 68-2-27 |
| Vibration resistance | 5 gn , 10...150 Hz conforming to IEC 68-2-6 |
| Class of protection against electric shock | Class II conforming to IEC 536 Class II conforming to NF C 20-030 |
| RoHS EUR conformity date | 0910 |
| RoHS EUR status | Compliant |