

K2C002DX has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

Main

| | |
|---|------------------------------------|
| Range of product | Harmony K |
| Product or component type | Cam switch body |
| Component name | K2 |
| [Ith] conventional free air thermal current | 20 A |
| Sub-assembly composition | Contact blocks + fixing plate |
| Cam switch function | Reversing switch |
| Cam switch additional contacts | With transient contact |
| Off position | With Off position |
| Poles description | 2P |
| Switching positions | Left: 0° - 270° Right: 0° - 90° |
| Mounting location | Front |
| Fixing mode | Ø 22 mm hole |
| Bezel material | Metal |

Complementary

| | |
|--|---|
| Switching angle | 90 ° |
| [Ui] rated insulation voltage | 690 V degree of pollution 3 conforming to IEC 60947-1 |
| [Ithe] conventional enclosed thermal current | 16 A |
| Rated operational power in W | 4000 W AC-3 / 690 V 3 phases conforming to IEC 947-3 14000 W AC-21 / 400 V 3 phases conforming to IEC 947-3 4000 W AC-3 / 500 V 3 phases conforming to IEC 947-3 2200 W AC-3 / 230 V 3 phases conforming to IEC 947-3 5500 W AC-23A / 400 V 3 phases conforming to IEC 947-3 5500 W AC-23A / 690 V 3 phases conforming to IEC 947-3 4000 W AC-23A / 230 V 3 phases conforming to IEC 947-3 8000 W AC-21 / 230 V 3 phases conforming to IEC 947-3 4000 W AC-3 / 400 V 3 phases conforming to IEC 947-3 2200 W AC-3 / 400 V 1 phase conforming to IEC 947-3 5500 W AC-23A / 500 V 3 phases conforming to IEC 947-3 1300 W AC-3 / 230 V 1 phase conforming to IEC 947-3 17000 W AC-21 / 550...600 V 3 phases conforming to IEC 947-3 |
| [Ile] rated operational current AC | 2 A at 500 V AC-15 conforming to IEC 947-5-1 3 A at 400 V AC-15 conforming to IEC 947-5-1 4 A at 230 V AC-15 conforming to IEC 947-5-1 |

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

8 A at 400 V AC-3 3 phases conforming to IEC 947-3
 10.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3
 14.6 A at 230 V AC-23A 3 phases conforming to IEC 947-3
 4.7 A at 690 V AC-3 3 phases conforming to IEC 947-3
 6.4 A at 690 V AC-23A 3 phases conforming to IEC 947-3
 6.5 A at 500 V AC-3 3 phases conforming to IEC 947-3
 8.3 A at 230 V AC-3 3 phases conforming to IEC 947-3
 8.9 A at 500 V AC-23A 3 phases conforming to IEC 947-3

| | |
|--|---|
| Electrical durability | 200000 cycles AC-23 200000 cycles AC-3 600000 cycles AC-15 600000 cycles AC-21 |
| 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 | 20 A by cartridge fuse, type gG |
| [Uimp] rated impulse withstand voltage | 4 kV in isolating function 6 kV conforming to IEC 947-1 |
| Contact operation | Slow-break |
| Positive opening | With |
| Electrical 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 |
| Product weight | 0.183 kg |

Environment

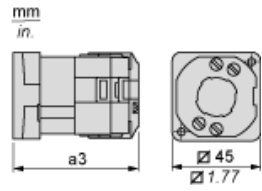
| | |
|---------------------------------------|---|
| Standards | CENELEC EN 50013 EN/IEC 60947-3 for power circuit EN/IEC 60947-5-1 for control circuit |
| Product certifications | CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s) |
| 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 |
| Overvoltage category | Class II conforming to IEC 536 Class II conforming to NF C 20-030 |

Contractual warranty

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

Body with Metal Base, Secured by Needle Screws

Front Mounting by $\varnothing 22$ mm/0.87 in. Hole

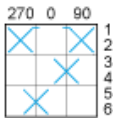


a3 65 mm/2.56 in.

Angular Position of Switch



Switching Program



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:

