

K2D023ML

body for voltmeter switch - 3L-N - 45° - 20 A -
screw mounting



ⓘ Discontinued

K2D023ML has not been replaced. Please contact your customer care center for more information.

Main

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|---|-------------------------------|
| 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 | Voltmeter switch |
| Type of measurement | Between 3 phases and neutral |
| Off position | With Off position |
| Switching positions | Right: 0° - 45° - 90° - 135° |
| Product mounting | Front mounting |
| Fixing mode | Multifixing |
| Bezel material | Plastic |

Complementary

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| Switching angle | 45 ° |
| [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 17000 W AC-21 / 500 - 660 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 |
| [Ie] 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 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 |

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| | 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 | 0.126 kg |

Environment

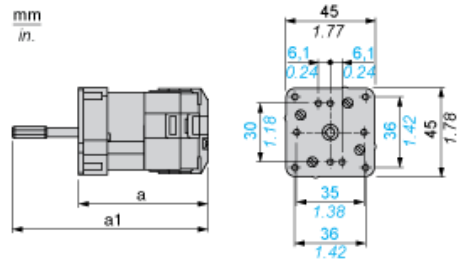
| | |
|---------------------------------------|--|
| Standards | CENELEC EN 50013 EN 60947-3 for power circuit EN 60947-5-1 for control circuit IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit |
| Product certifications | CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240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

Contractual warranty

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| Warranty period | 18 months |
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Body

Front Mounting "Multi-Fixing", 2 or 4 Screws



a 63 mm/2.48 in.
a1 87 mm/3.42 in.