



### Main

|                                             |                                                   |
|---------------------------------------------|---------------------------------------------------|
| Range of product                            | Harmony K                                         |
| Product or component type                   | Complete cam switch                               |
| Component name                              | K1                                                |
| [Ith] conventional free air thermal current | 12 A                                              |
| Sub-assembly composition                    | Contact blocks + fixing plate                     |
| Cam switch function                         | Switch                                            |
| Off position                                | Without Off position                              |
| Poles description                           | 15P                                               |
| Switching positions                         | Right: 0° - 45° - 90° - 135° - 180° - 225° - 270° |
| Mounting location                           | Front                                             |
| Fixing mode                                 | Ø 22 mm hole                                      |
| Bezel material                              | Plastic                                           |

### Complementary

|                                              |                                                                        |
|----------------------------------------------|------------------------------------------------------------------------|
| [Ui] rated insulation voltage                | 690 V (pollution degree 3) conforming to IEC 60947-1                   |
| [Ithe] conventional enclosed thermal current | 10 A                                                                   |
| Rated operational power in W                 | 10500 W AC-21, 500 - 660 V 3 phases conforming to IEC 947-3            |
| [Ie] rated operational current AC            | 1 A at 500 V AC-15 conforming to IEC 947-5-1                           |
| Electrical durability                        | 1000000 cycles AC-15                                                   |
| Maximum operating rate                       | 2.5 cyc/mn AC-21                                                       |
| Short-circuit current                        | 10000 A                                                                |
| Short-circuit protection                     | 20 A cartridge fuse, type gG                                           |
| [Uimp] rated impulse withstand voltage       | 4 kV in isolating function                                             |
| Contact operation                            | Slow-break                                                             |
| Positive opening                             | With                                                                   |
| Electrical connection                        | Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm² |
| Mechanical durability                        | 1000000 cycles                                                         |

## Environment

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| Standards                             | CENELEC EN 50013                                |
| Product certifications                | CSA 240 V 1 hp 1 phase                          |
| 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 conforming to IEC 68-2-6 (f = 10...150 Hz) |
| Overvoltage category                  | Class II conforming to IEC 536                  |
| IP degree of protection               | IP40 conforming to IEC 529                      |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                           |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                    |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

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