# Product data sheet
## Characteristics

# K63E003WP
Cam reversing switch, Harmony K, front mounting, plastic, 3 poles, position 0, 60 degree, 63A, 64x64mm front plate marqued 1/0/2




## Main

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|---|---|
| Range of product | Harmony K |
| Product or component type | Complete cam switch |
| Component name | K63 |
| [Ith] conventional free air thermal current | 63 A |
| Product mounting | Front mounting |
| Fixing mode | 4 holes |
| Cam switch head type | With front plate 64 x 64 mm |
| Type of operator | Black handle |
| Rotary handle padlocking | Without |
| Presentation of legend | With metallic legend, 1 - 0 - 2 black marking |
| Cam switch function | Reversing switch |
| Return | Without |
| Off position | With Off position |
| Poles description | 3P |
| Switching positions | Left: 0° - 300°<br>Right: 0° - 60° |
| IP degree of protection | IP40 conforming to IEC 60529 |

## Complementary

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| Switching angle | 60 ° |
| [Ui] rated insulation voltage | 690 V (pollution degree 3) conforming to IEC 60947-1 |
| Short-circuit current | 10000 A |
| Short-circuit protection | 80 A cartridge fuse, type gG |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to EN 947-1<br>6 KV conforming to IEC 947-1 |
| Contact operation | Slow-break |
| Positive opening | With |
| Electrical connection | Captive screw clamp terminals flexible, clamping capacity: 2 x 10 mm²<br>Captive screw clamp terminals solid, clamping capacity: 2 x 16 mm² |
| Tightening torque | 2.5 N.M |

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|---|---|
| Switching capacity in mA | 20000 mA DC at 140 V 3 contact(s) for inductive load (T = 50 ms)<br>20000 mA DC at 48 V 1 contact(s) for inductive load (T = 50 ms)<br>20000 mA DC at 95 V 2 contact(s) for inductive load (T = 50 ms)<br>30000 mA DC at 120 V 2 contact(s) for resistive load (T = 1 ms)<br>30000 mA DC at 180 V 3 contact(s) for resistive load (T = 1 ms)<br>30000 mA DC at 60 V 1 contact(s) for resistive load (T = 1 ms)<br>55000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms)<br>55000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms)<br>55000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms)<br>63000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms)<br>63000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms)<br>63000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms)<br>63000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms)<br>63000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms)<br>63000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms)<br>63000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms)<br>63000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms)<br>63000 mA DC at 95 V 2 contact(s) for resistive load (T = 1 ms) |
| Mechanical durability | 300000 Cycles |
| CAD overall width | 64 Mm |
| CAD overall height | 64 Mm |
| CAD overall depth | 132 Mm |
| Net weight | 0.54 Kg |

## Environment

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| Standards | IEC 60947-3 |
| Product certifications | CULus 120 V 3 hp 1 phase<br>CULus 480 V 25 hp 3 phases<br>CULus 240 V 7.5 hp 1 phase<br>CULus 240 V 10 hp 3 phases |
| Protective treatment | TC |
| Ambient air temperature for operation | -25…55 °C |
| Ambient air temperature for storage | -40…70 °C |
| Electrical shock protection class | Class II conforming to IEC 60536<br>Class II conforming to NF C 20-030 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 13.700 Cm |
| Package 1 Width | 7.200 Cm |
| Package 1 Length | 7.200 Cm |
| Package 1 Weight | 472.000 G |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 25 |
| Package 2 Height | 30 Cm |
| Package 2 Width | 30 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 12.352 Kg |

## Offer Sustainability

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|---|---|
| Total lifecycle Carbon footprint | 4 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2.9457139259 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 3 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0566396097 |
| Carbon footprint of the distribution phase [A4] | 0.1 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.1929387618 |
| Carbon footprint of the installation phase [A5] | 0.2 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0 kg CO2 eq. |
| Toxic heavy metal free | Yes |

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|---|---|
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.8062654289 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.8 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 4 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Nickel compounds, which is k |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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| Warranty (in months) | 18 |

Product Life Status : Commercialised