Product data sheet
Characteristics

K63H004UP
Complete cam switch, Harmony K1, K2, cam changeover switch, front mounting, plastic, 4 poles, position 0, 60degrees, 63A, 64x64mm, marked 1 0 2



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K63
[Ith] conventional free air thermal current	63 A
Mounting location	Front
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	Changeover switch
Return	Without
Off position	With Off position
Poles description	4P
Switching positions	Left: 0° - 300° Right: 0° - 60°
IP degree of protection	IP40 conforming to IEC 60529

Complementary

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 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 Captive screw clamp terminals solid, clamping capacity: 2 x 16 mm²
Tightening torque	2.5 N.M

Switching capacity in mA	20000 mA DC at 140 V 3 contact(s) for inductive load (T = 50 ms) 20000 mA DC at 48 V 1 contact(s) for inductive load (T = 50 ms) 20000 mA DC at 95 V 2 contact(s) for inductive load (T = 50 ms) 30000 mA DC at 120 V 2 contact(s) for resistive load (T = 1 ms) 30000 mA DC at 180 V 3 contact(s) for resistive load (T = 1 ms) 30000 mA DC at 60 V 1 contact(s) for resistive load (T = 1 ms) 55000 mA DC at 30 V 1 contact(s) for inductive load (T = 50 ms) 55000 mA DC at 60 V 2 contact(s) for inductive load (T = 50 ms) 55000 mA DC at 90 V 3 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 140 V 3 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 24 V 1 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 24 V 1 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 48 V 1 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 48 V 2 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 48 V 2 contact(s) for resistive load (T = 1 ms) 63000 mA DC at 70 V 3 contact(s) for inductive load (T = 50 ms) 63000 mA DC at 70 V 3 contact(s) for resistive load (T = 1 ms) 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	154 Mm
Net weight	0.68 Kg

Environment

Standards	IEC 60947-3
Product certifications	CULus 120 V 3 hp 1 phase CULus 480 V 25 hp 3 phases CULus 240 V 7.5 hp 1 phase 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
Overvoltage category	Class II conforming to IEC 60536 Class II conforming to NF C 20-030

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.0 Cm
Package 1 Width	7.4 Cm
Package 1 Length	7.4 Cm
Package 1 Weight	607.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Height	30 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	12.685 Kg

Offer Sustainability

Recyclability potential, in %	39
Total lifecycle Carbon footprint	14 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	12.520704949278683
Carbon footprint of the manufacturing phase [A1 to A3]	13 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.48023054732563936
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.11791798425611758
Carbon footprint of the installation phase [A5]	0.1 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
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.8365859148742478
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	14
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

Warranty (in months)	18

Product Life Status : Commercialised