Product data sheet
Characteristics

K10D002UCH
Complete cam switch, Harmony K1, K2, cam changeover switch, 16mm or 22mm, plastic, 2 poles, position 0, 60degrees, 10A, 30x30mm, marked 1 0 2



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K10
[Ith] conventional free air thermal current	10 A
Product mounting	Front mounting
Fixing mode	Ø 16 or 22 mm hole
Cam switch head type	With front plate 30 x 30 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	2P
Switching positions	Right: 0° - 60° Left: 0° - 300°
IP degree of protection	Contact block: IP20 Operating head: IP65 conforming to IEC 60529

Complementary

Switching angle	60 °
[Ui] rated insulation voltage	440 V (pollution degree 3) conforming to IEC 60947-1
Rated operational power in W	1800 W AC-23A, 220/240 V 3 phases 370 W AC-23A, 110/120 V 1 phase 750 W AC-23A, 220/240 V 1 phase
Rated power in hp	1 Hp at 220/240 V AC, 3 phases 0.33 Hp at 110/120 V AC, 1 phase 0.75 Hp at 110/120 V AC, 3 phases 0.75 Hp at 220/240 V AC, 1 phase
[Ie] rated operational current AC	10 A at 400 V AC-1 10 A at 400 V AC-21A 3 A at 240 V AC-15 6 A at 120 V AC-15
[Ie] rated operational current DC	10 A at 24 V resistive load 0.3 A at 220 V resistive load 0.7 A at 110 V resistive load
Electrical durability	100000000 Cycles
Short-circuit protection	10 A cartridge fuse, type gG

[Uimp] rated impulse withstand voltage	4 KV conforming to IEC 60947-1
Contact operation	Slow-break
Electrical connection	Captive screw clamp terminals, clamping capacity: 2 x 1.5 mm²
Mechanical durability	1000000 Cycles
CAD overall width	30 Mm
CAD overall height	30 Mm
CAD overall depth	88 Mm
Net weight	0.045 Kg

Environment

Standards	CENELEC EN 50013 EN/IEC 60947-3 EN/IEC 60947-5-1
Product certifications	CULus
Protective treatment	TC
Ambient air temperature for operation	-20…55 °C
Ambient air temperature for storage	-40…70 °C
Electrical shock protection class	Class II conforming to IEC 60536

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.6 Cm
Package 1 Width	4.0 Cm
Package 1 Length	4.1 Cm
Package 1 Weight	66.0 G
Unit Type of Package 2	S02
Number of Units in Package 2	65
Package 2 Height	15 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	4.636 Kg

Offer Sustainability

Recyclability potential, in %	39
Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.215244892135872
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.04661061194631205
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.01144498082485847
Carbon footprint of the installation phase [A5]	0 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]	0.0811980446789711
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
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