Product data sheet
Characteristics

K1B006TLH
Cam switch, Harmony K, multifixing, plastic, 1 pole, 3 positions, position 0, spring return, 45°, 12A, 45x45mm, metallic legend, black handle 35mm



Main

Range of product	Harmony K
Product or component type	Complete cam switch
Component name	K1
[Ith] conventional free air thermal current	12 A
Product mounting	Front mounting
Fixing mode	Multifixing
Cam switch head type	With front plate 45 x 45 mm
Type of operator	Black handle, length = 35 mm
Rotary handle padlocking	Without
Presentation of legend	With metallic legend, 2 - 0 - 1 black marking
Cam switch function	Reversing switch
Return	Spring return from 45° to 0° Spring return from 315° to 0°
Off position	With Off position
Poles description	1P
Switching positions	Right: 0° - 45° Left: 0° - 315°
IP degree of protection	IP40 conforming to IEC 60529

Complementary

Switching angle	45 °
[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 60947-3 1100 W AC-3, 230 V 3 phases conforming to IEC 60947-3 1500 W AC-23A, 230 V 3 phases conforming to IEC 60947-3 1500 W AC-3, 400 V 1 phase conforming to IEC 60947-3 1500 W AC-3, 400 V 3 phases conforming to IEC 60947-3 1500 W AC-3, 500 V 3 phases conforming to IEC 60947-3 1500 W AC-3, 690 V 3 phases conforming to IEC 60947-3 2200 W AC-23A, 400 V 3 phases conforming to IEC 60947-3 2200 W AC-23A, 500 V 3 phases conforming to IEC 60947-3 2200 W AC-23A, 690 V 3 phases conforming to IEC 60947-3 4800 W AC-21, 230 V 3 phases conforming to IEC 60947-3 600 W AC-3, 230 V 1 phase conforming to IEC 60947-3 8300 W AC-21, 400 V 3 phases conforming to IEC 60947-3
[Ie] rated operational current AC	1.8 A at 690 V AC-3 3 phases conforming to IEC 60947-3 2.8 A at 500 V AC-3 3 phases conforming to IEC 60947-3 2.8 A at 690 V AC-23A 3 phases conforming to IEC 60947-3 3.3 A at 400 V AC-3 3 phases conforming to IEC 60947-3 3.8 A at 500 V AC-23A 3 phases conforming to IEC 60947-3 4.6 A at 230 V AC-3 3 phases conforming to IEC 60947-3 4.8 A at 400 V AC-23A 3 phases conforming to IEC 60947-3 5.6 A at 230 V AC-23A 3 phases conforming to IEC 60947-3 1 A at 500 V AC-15 conforming to IEC 60947-5-1 2 A at 400 V AC-15 conforming to IEC 60947-5-1 3 A at 230 V AC-15 conforming to IEC 60947-5-1
Electrical durability	1000000 Cycles AC-15 1000000 Cycles AC-21 500000 Cycles AC-23 500000 Cycles AC-3
Maximum 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	16 A cartridge fuse, type gG
[Uimp] rated impulse withstand voltage	4 KV in isolating function 6 KV conforming to IEC 60947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm² Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm²

Mechanical durability	1000000 Cycles
CAD overall width	45 Mm
CAD overall height	45 Mm
CAD overall depth	77 Mm
Net weight	0.115 Kg

Environment

Standards	IEC 60947-3 for power circuit IEC 60947-5-1 for control circuit CENELEC EN 50013
Product certifications	CSA 240 V 3 hp 3 phases 2 pole(s) UL 240 V 0.33 hp 1 phase 2 pole(s) CSA 240 V 1 hp 1 phase UL 240 V 1 hp 3 phases
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)
Electrical shock protection class	Class II conforming to IEC 536 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	6.500 Cm
Package 1 Width	6.500 Cm
Package 1 Length	11.000 Cm
Package 1 Weight	137.000 G
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	15 Cm
Package 2 Width	15 Cm
Package 2 Length	40 Cm
Package 2 Weight	1.570 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	75.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	60.000 Cm
Package 3 Weight	58.240 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
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