Product data sheet
Characteristics

K2C003AX
Cam switch body, Harmony K, Ø 22mm, metal, 3 pole, with 0 position, 45°, 20A

Main

Range of Product	Harmony K
Product or Component Type	Cam switch body
Component name	K2
[Ith] conventional free air thermal current	20 A
Sub-assembly composition	Contact blocks + fixing plate
Cam switch function	Switch
Off position	With Off position
Poles description	3P
Switching positions	Right: 0° - 45°
Mounting Location	Front
Fixing Mode	Ø 22 mm hole
Bezel material	Metal

Complementary

Switching angle	45 °
[Ui] rated insulation voltage	690 V 3)IEC 60947-1
[Ithe] conventional enclosed thermal current	16 A
Rated operational power in W	1300 W AC-3, 230 V 1 phase IEC 947-3 14000 W AC-21, 400 V 3 phase IEC 947-3 17000 W AC-21, 500 - 660 V 3 phase IEC 947-3 2200 W AC-3, 230 V 3 phase IEC 947-3 2200 W AC-3, 400 V 1 phase IEC 947-3 4000 W AC-23A, 230 V 3 phase IEC 947-3 4000 W AC-3, 400 V 3 phase IEC 947-3 4000 W AC-3, 500 V 3 phase IEC 947-3 4000 W AC-3, 690 V 3 phase IEC 947-3 5500 W AC-23A, 400 V 3 phase IEC 947-3 5500 W AC-23A, 500 V 3 phase IEC 947-3 5500 W AC-23A, 690 V 3 phase IEC 947-3 8000 W AC-21, 230 V 3 phase IEC 947-3
[Ie] rated operational current AC	8 A 400 V AC-3 3 phase IEC 947-3 10.8 A 400 V AC-23A 3 phase IEC 947-3 14.6 A 230 V AC-23A 3 phase IEC 947-3 4.7 A 690 V AC-3 3 phase IEC 947-3 6.4 A 690 V AC-23A 3 phase IEC 947-3 6.5 A 500 V AC-3 3 phase IEC 947-3 8.3 A 230 V AC-3 3 phase IEC 947-3 8.9 A 500 V AC-23A 3 phase IEC 947-3 2 A 500 V AC-15 IEC 947-5-1 3 A 400 V AC-15 IEC 947-5-1 4 A 230 V AC-15 IEC 947-5-1
Electrical durability	200000 Cycles AC-23 200000 Cycles AC-3 600000 Cycles AC-15 600000 cycles AC-21
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	20 A cartridge fuse gG
[Uimp] rated impulse withstand voltage	4 KV in isolating function 6 kV IEC 947-1

Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible 2 x 1.5 mm² Captive screw clamp terminals solid 1 x 2.5 mm²
Mechanical durability	1000000 cycles
Net Weight	0.40 lb(US) (0.183 kg)

Environment

Standards	IEC 60947-3 power circuit IEC 60947-5-1 control circuit CENELEC EN 50013
Product certifications	CSA 240 V 3 hp 3 phase 2 UL 240 V 0.33 hp 1 phase 2 CSA 240 V 1 hp 1 phase UL 240 V 1 hp 3 phase
Protective treatment	TC
Ambient Air Temperature for Operation	-13…131 °F (-25…55 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Shock resistance	30 gn IEC 68-2-27
Vibration resistance	5 gn 10…150 Hz)IEC 68-2-6
Overvoltage category	Class II IEC 536 Class II NF C 20-030

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.15 in (8.0 cm)
Package 1 Width	2.56 in (6.5 cm)
Package 1 Length	2.56 in (6.5 cm)
Package 1 Weight	7.02 oz (199.0 g)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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.