Product datasheet Characteristics

K1C007T

body for changeover switch - 1 pole - 90° - 12 A - for Ø 22 mm





Main

Range of product Range of product Range of product Range of product yee Cam switch body Component name K1 th] conventional free air thermal urrent Sub-assembly composition Contact blocks + fixing plate Ram switch function Reversing switch Spring return from 240° to 270° Spring return from 120° to 90° Off position With Off position Poles description Right: 0° - 90° - 120° Left: 0° - 270° - 240° Mounting location Front Front Rixing mode Range of product of product Range of product of product Range of product o	IVIAIII		8
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Sub-assembly composition Contact blocks + fixing plate Cam switch function Reversing switch Spring return from 240° to 270° Spring return from 120° to 90° Off position With Off position Poles description Fixing positions Right: 0° - 90° - 120° Left: 0° - 270° - 240° Mounting location Front Rixing mode Ontact blocks + fixing plate Spring plate Spring return from 240° to 270° Spring return from 120° to 90° Spring return from 240° to 270° Spring return from 240° to 270° Spring return from 240° to 270° Spring return from 120° to 90° Spring return from 120° Spring return from 120° Spring return fr	Component name	K1	
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Spring return from 120° to 90° Off position With Off position 7P Switching positions Right: 0° - 90° - 120° Left: 0° - 270° - 240° Mounting location Front Sixing mode Spring return from 120° to 90° Right to 90° 7P Switching positions Right: 0° - 90° - 120° Left: 0° - 270° - 240° Sixing mode	Cam switch function	Reversing switch	
Poles description 7P Right: 0° - 90° - 120° Left: 0° - 270° - 240° Mounting location Front Sixing mode Ø 22 mm hole	Return		
Right: 0° - 90° - 120° Left: 0° - 270° - 240° Mounting location Front Sixing mode Ø 22 mm hole	Off position	With Off position	
Left: 0° - 270° - 240° Mounting location Front ixing mode Ø 22 mm hole	Poles description	7P	- Tar
ixing mode Ø 22 mm hole	Switching positions		
	Mounting location	Front	<u>8</u>
Bezel material Plastic g	Fixing mode	Ø 22 mm hole	
	Bezel material	Plastic	<u>c</u>

Complementary

Switching angle	90 °	
[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, 550600 V 3 phases conforming to IEC 947-3 1100 W AC-3, 230 V 3 phases conforming to IEC 947-3 1500 W AC-23A, 230 V 3 phases conforming to IEC 947-3 1500 W AC-3, 400 V 1 phase conforming to IEC 947-3 1500 W AC-3, 400 V 3 phases conforming to IEC 947-3 1500 W AC-3, 500 V 3 phases conforming to IEC 947-3 1500 W AC-3, 690 V 3 phases conforming to IEC 947-3 2200 W AC-23A, 400 V 3 phases conforming to IEC 947-3 2200 W AC-23A, 500 V 3 phases conforming to IEC 947-3	

	2200 W AC-23A, 690 V 3 phases conforming to IEC 947-3 4800 W AC-21, 230 V 3 phases conforming to IEC 947-3 600 W AC-3, 230 V 1 phase conforming to IEC 947-3 8300 W AC-21, 400 V 3 phases conforming to IEC 947-3
[le] rated operational current AC	1.8 A at 690 V AC-3 3 phases conforming to IEC 947-3 2.8 A at 500 V AC-3 3 phases conforming to IEC 947-3 2.8 A at 690 V AC-23A 3 phases conforming to IEC 947-3 3.3 A at 400 V AC-3 3 phases conforming to IEC 947-3 3.8 A at 500 V AC-23A 3 phases conforming to IEC 947-3 4.6 A at 230 V AC-3 3 phases conforming to IEC 947-3 4.8 A at 400 V AC-23A 3 phases conforming to IEC 947-3 5.6 A at 230 V AC-15 conforming to IEC 947-5-1 2 A at 400 V AC-15 conforming to IEC 947-5-1 3 A at 230 V AC-15 conforming to IEC 947-5-1
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 947-1
Contact operation	Slow-break
Positive opening	With
Electrical connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm ² Captive screw clamp terminals solid, clamping capacity: 1 x 2.5 mm ²
Mechanical durability	1000000 cycles
Product weight	0.105 kg

Environment

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Standards	EN/IEC 60947-3 for power circuit EN/IEC 60947-5-1 for control circuit CENELEC EN 50013
Product certifications	CSA 240 V 1 hp 1 phase CSA 240 V 3 hp 3 phases 2 -pole(s) UL 240 V 1 hp 3 phases UL 240 V 0.33 hp 1 phase 2 -pole(s)
Protective treatment	TC
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Shock resistance	30 gn conforming to IEC 68-2-27
Vibration resistance	5 gn conforming to IEC 68-2-6 (f = 10150 Hz)
Overvoltage category	Class II conforming to IEC 536 Class II conforming to NF C 20-030

Offer Sustainability

Sustainable offer status	Green Premium product	
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	
RoHS exemption information	Yes	
China RoHS Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	No need of specific recycling operations	

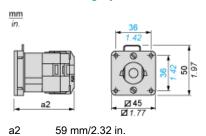
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Contractual warranty	
Warranty	18 months

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Dimensions Drawings

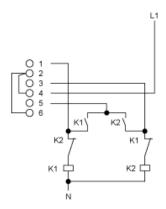
Body with Plastic Base

Front Mounting by Ø 22 mm/0.87 in. Hole



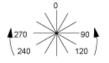
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Link Positions (Factory Mounted)



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Angular Position of Switch



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Switching Program



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Convention Used for Switching Program Representation

Contact closed

Contact closed in 2 positions and maintained between the 2 positions

Sealed assembly for auto-maintain control

Overlapping contacts

Spring return position: for a switching angle of 90°, spring return is over 30° after the last position (for a maximum of 3 simultaneous contacts).

Example:

