Product datasheet Characteristics

K1S8 k1 contact block



Main

Range of product	Harmony K	
Product or component type	Cam switch body	
Component name	K1	
[Ith] conventional free air thermal current	12 A	
Sub-assembly composition	Contact blocks + fixing plate	
Cam switch function	Switch	
Mounting location	Front	=
Fixing mode	Ø 22 mm hole	
Bezel material	Plastic	

Complementary

[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 947-3	
[le] rated operational current AC	1 A at 500 V AC-15 conforming to IEC 947-5-1	
Electrical durability	1000000 cycles AC-15	
Maximum operating rate	2.5 cyc/mn AC-21	
Short-circuit current	10000 A	
Short-circuit protection	20 A cartridge fuse, type gG	
[Uimp] rated impulse withstand voltage	4 kV in isolating function	
Contact operation	Slow-break	
Positive opening	With	
Electrical connection	Captive screw clamp terminals flexible, clamping capacity: 2 x 1.5 mm ²	
Mechanical durability	1000000 cycles	

Environment

Standards	CENELEC EN 50013	
Product certifications	CSA 240 V 1 hp 1 phase	
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
IP degree of protection	IP40 conforming to IEC 529

Offer Sustainability

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

Contractual warranty

		
Warranty	18 months	