PLASTIC MICRO SWITCH, K SERIES, TOP PUSH ROD - METAL PLUNGER. LOW ROD PLUNGER. CONTACTS 1NO/NC. SCREW TERMINALSS



Top push rod metal and low rod plunger KSA3

Product type designation

General characteristics

Product designation

Material	
ivialenai	

Contact characteristies Type of contact 1NO/NC Thermal current lth A 15 IEC/EN 60947-5-1 designation V 250 Switching speed min m/s 0.01 max m/s 1 Operating speed min m/s m/s 0.05 max m/s 1 IEC Conventional free air thermal current lth A 15 Resistance per pole (average value) mΩ 15 Conductivity 10mA 5V Mechanical features Screw Terminals type Screw Operating head fixing Fixed Operating torque N 2.5 coin 9 Weight g 33 Operating life cycles 500000 Mechanical life cycles 500000 Electrical life cycles 500000 Mechanical operation cycles 600000 Mechanical operation cycles 700000 Mechanical operation cycles 700000 Storage temperature min °C -25 max °C +70 Resistance & Protection Fixed	Material	Housing		Polymer thermoplastic
Thermal current lith	Contact characteristics			
EC/EN 60947-5-1 designation Rated insulation voltage Ui	Type of contact			1NO/NC
Rated insulation voltage Ui V 250 Switching speed min m/s m/s 0.01 max m/s 1 Operating speed min m/s m/s 0.05 max m/s 1 IEC Conventional free air thermal current Ith A 15 Resistance per pole (average value) mΩ < 15 Conductivity 10mA 5V Mechanical features Terminals type Screw Operating head fixing Fixed Operating torque N 2.5 cozin 9 Weight g 33 Operations Mechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature min characteristics cycles/h 240 Ambient conditions Temperature min characteristics cycles/h 240 Ambient conditions	Thermal current Ith		Α	15
Switching speed min m/s 0.01 max m/s 1 1 1 1 1 1 1 1 1	IEC/EN 60947-5-1 designation			A600 P300
min m/s			V	250
Parameter Par	Switching speed			
Deprating speed		min	m/s	0.01
Min m/s 0.05 max m/s 1 IEC Conventional free air thermal current lth A 15 Resistance per pole (average value) mmΩ <15 Conductivity 10mA 5V Mechanical features		max	m/s	1
IEC Conventional free air thermal current Ith	Operating speed			
EC Conventional free air thermal current Ith Resistance per pole (average value) mΩ <15 10mA 5V Mechanical features Terminals type Screw Operating head fixing Fixed Operating torque N 2.5 ozin 9 Operations		min	m/s	0.05
Resistance per pole (average value) mΩ <15 Conductivity 10mA 5V Mechanical features Terminals type Screw Operating head fixing Fixed Operating torque N 2.5 Ozin 9 Weight g 33 Operations Wechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Operating temperature min °C -25 max °C +70 Storage temperature min °C -40 max °C +70		max	m/s	1
Conductivity	IEC Conventional free air thermal current Ith		Α	15
Mechanical features Terminals type Screw Operating head fixing Fixed Operating torque N 2.5 ozin 9 Weight g 33 Operations Mechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Temperature min °C -25 max °C +70 Storage temperature min °C -40 max °C +70	Resistance per pole (average value)		$m\Omega$	<15
Terminals type	Conductivity			10mA 5V
Operating head fixing Fixed Operating torque N 2.5 Nozin 9 Weight g 33 Operations Mechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Min °C -25 max °C +70 Storage temperature min °C -40 max °C +70	Mechanical features			
Operating torque N 2.5 ozin 9 Weight g 33 Operations Storage temperature Cycles 20000000 Electrical life cycles 500000 Operations Electrical life cycles 5000000 Operations Electrical life cycles	Terminals type			Screw
N 2.5 ozin 9	Operating head fixing			Fixed
Weight g 33 Operations Cycles 20000000 Mechanical life cycles 500000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Temperature Min °C -25 max °C +70 Storage temperature min °C -40 max °C -40 max °C -40 max °C +70 -40 max °C +70 -40 max °C -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40 -40	Operating torque			
Weight g 33 Operations Cycles 20000000 Mechanical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Min °C -25 max °C +70 Storage temperature min °C -40 max °C +70			Ν	2.5
Operations Mechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature min °C -25 max °C +70 Storage temperature min °C -40 max °C +70			ozin	9
Mechanical life cycles 20000000 Electrical life cycles 500000 Mechanical operation cycles/h 240 Ambient conditions Temperature Temperature Min °C -25 max °C +70 Storage temperature min °C -40 max °C +70	Weight		g	33
Electrical life	·			
Mechanical operation cycles/h 240 Ambient conditions Temperature Operating temperature min °C -25 max °C +70 Storage temperature min °C -40 max °C +70			cycles	
Ambient conditions Temperature Operating temperature min °C -25 max °C +70 Storage temperature min °C -40 max °C +70	Electrical life		cycles	500000
Operating temperature	Mechanical operation		cycles/h	240
Operating temperature min	Ambient conditions			
min °C -25 max °C +70 Storage temperature min °C -40 max °C +70	Temperature			
Storage temperature max °C +70 min °C -40 max °C +70	Operating temperature			
Storage temperature min °C -40 max °C +70		min		
min °C -40 max °C +70		max	°C	+70
max °C +70	Storage temperature			
		min		
Resistance & Protection		max	°C	+70
ID de succe				

IP degree

Body housing

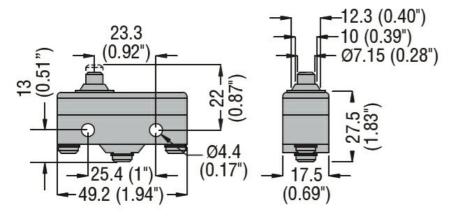
IP00 or IP20 with terminal shroud

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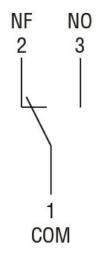
Pollution degree 3

Dimensions

ENERGY AND AUTOMATION



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14.

IEC/EN 60947-1

IEC/EN 60947-5-1

IEC/EN 61058-1

UL508

Certificates

cURus

EAC

ETIM classification

ETIM 8.0

EC000030 - End switch