

Mini Sensor Controlled Relay (MSCR)



Mini Relay Controlled by Sensor Status

Drive larger relays with a low current output from the sensorProbeX+

- If you have an equipment with a relay that you
- would like to switch based on a sensor input,
- this adapter will output 200mA 5V DC based
- on a sensors status. Use this smaller relay as
- to drive the larger relay on your appliance.

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Est USA 1981

MSCR - Technical Specification

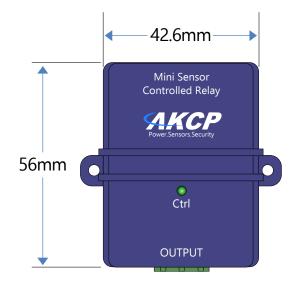
- 1. 5V and GND contacts (0.2A) - 2. Free contacts Output 3 pin termninal Block - NO, NC, COM - 5V, GND, COM Free Contact Voltage 24 VDC, Maximum 30 VDC	
Output 3 pin termninal Block - NO, NC, COM - 5V, GND, COM	
- NO, NC, COM - 5V, GND, COM	
- 5V, GND, COM	
Free Contact Voltage 24 VDC Maximum 30 VDC	
24 VDC, Maximum 30 VDC	
120 VAC	
Relay Ratings Contact Rating –	
+ Contact Rated Load is 1Amp at 24 VDC	
+ Contact Rated Load is 1Amp at 120 VAC	
Max. Operating Voltage 30 VDC, 120 VAC	
Max. Operating Current 1 Amp	
Max. Switched Power: 24W / 120VA.	
Status Indication LED indication for Relay active state	
Operating Temperature -40°C to 80°C	
Storage Temperature -40°C to 80°C	
Endurance Max. Switching Rate:	
+ 300ops./ min. (no load).	
+ 30ops./ min. (rated load).	
Expected Mechanical Life: 5 million ops (no load).	
Expected Electrical Life: 100,000 ops (rated load).	
Minimum Load: 1mA @ 1VDC.	
Interface	
Communications cable RJ-45 jack to sensor using UTP CAT5e/6 cable	
Power source Powered by the controller unit. No additional power needed	
Power Consumption Typical 150 mWatt, 30 mA	
Maximum Cable Length The Sensor Controlled Relay can be extended from the RJ-45 Intelligent Sensor ports on the	he base units up to
100 feet, or 30 meters using standard CAT5/6 LAN cable	
Dimensions 56 x 55 x 33.3 mm	
Dimensions 56 x 55 x 33.3 mm Mounting DIN rail mounting	

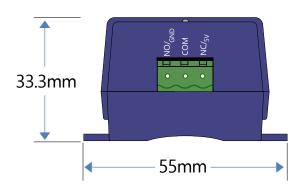
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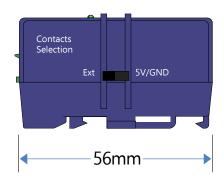
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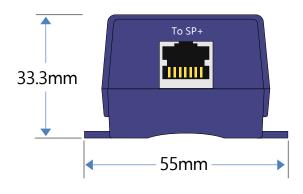


MSCR - Technical Drawing









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