

## SZR-MY2-1P-DC24V

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**SZR-MY General Purpose Relay: Standard Relay; PCB Terminal; DPDT; 24 Vdc**

Actual product  
appearance may vary.

### Product Specifications

Current Rating	5 A
Contact(s)	DPDT
Terminal	PCB
Options	Standard - No Indicator or Diode
Resistive Load	24 V, 5 A
Inductive Load	24 V, 2 A
Sw itching (Resistive Load)	120 W
Sw itching (Inductive Load)	48 W
Contact Rating	125 Vdc
Coil Input Voltage	24 Vdc
Rated Current at 50 Hz	36.9 mA
Rated Current at 60 Hz	36.9 mA
Coil Resistance	6500 ohms
Pow er Consumption	0.9 W
Dropout Voltage (% of Rated Voltage)	10 % min.
Pick-Up Voltage (Must Operate)	80 % max. of the Rated Coil Voltage
Voltage	110 % of the rated coil voltage
Operating Voltage	80 % of the rated coil voltage
Operate Time	20 ms max.
Release Time	20 ms max.
Ambient Temperature	-25 °C to 75 °C [-13 °F to 167 °F]
Ambient Humidity	45 % RH to 85 % RH
Contact Material	Fine Silver
Contact Resistance	50 mOhm max.
Operating Frequency (Mechanical)	18,000 Operations/Hour
Operating Frequency (Electrical)	1800 Operations/Hour
Vibration Resistance	10 Hz to 55 Hz at Double Amplitude of 1.0 mm
Shock Resistance	1000 m/s2 (Approx. 100 G)
Weight	35 g [1.24 oz]
Agency Approvals and Standards	UL, CE

Product Specifications

UL File #	E#150950
Expected Mechanical Life	dc - 100 Million Operations min.
Comment	Standard Relay; PCB; DPDT
Availability	Global
Series Name	SZR-MY

# Mouser Electronics

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