SZR-MY2-1P-DC24V



Actual product appearance may vary.

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

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
Switching (Resistive Load)	120 W
Switching (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
Power 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