SZR-LY4-1-DC12V



SZR-LY General Purpose Relay: Standard Relay; Plug-in/Solder Terminal; 4PDT; 12 Vdc

Actual product appearance may vary.

Product Specifications

Current Rating	10 A
Contact(s)	4PDT
Terminal	Solder/Plug-In
Options	Standard - No Indicator or Diode
Resistive Load	24 V, 10 A
Inductive Load	24 V, 5 A
Switching (Resistive Load)	240 W
Switching (Inductive Load)	120 W
Contact Rating	125 Vdc
Coil Input Voltage	12 Vdc
Rated Current at 50 Hz	120 mA
Rated Current at 60 Hz	120 mA
Coil Resistance	100 ohms
Power Consumption	1.5 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	25 ms max.
Release Time	25 ms. max
Ambient Temperature	-25 °C to 70 °C [-13 °F to 158 °F]
Ambient Humidity	45 % RH to 85 % RH
Contact Material	Silver Cadium Oxide
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
UL File #	E#150950

Product Specifications

Expected Mechanical Life	dc - 100 Million Operations min.
Comment	Standard Relay; Solder/Plug-in; 4PDT
Availability	Global
Series Name	SZR-LY