

## SZR-LY2-1-AC220V

( [Home](#) : [Products](#) : [basics](#) : [Switches](#) : [Relays](#) : [SZR-LY](#) )



**SZR-LY General Purpose Relay: Standard Relay; Plug-in/Solder Terminal; DPDT; 220 Vac**

Actual product appearance may vary.

### Product Specifications

Current Rating	10 A
Contact(s)	DPDT
Terminal	Solder/Plug-In
Options	Standard - No Indicator or Diode
Resistive Load	110 V, 10 A
Inductive Load	110 V, 7.5 A
Switching (Resistive Load)	1100 VA
Switching (Inductive Load)	825 VA
Contact Rating	250 Vac
Coil Input Voltage	220 Vac
Rated Current at 50 Hz	6.2 mA/6.8 mA
Rated Current at 60 Hz	5.3 mA/5.8 mA
Coil Resistance	12,950 ohms
Power Consumption	0.9 W to 1.1 W
Dropout Voltage (% of Rated Voltage)	30 % 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 Cadmium 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/s <sup>2</sup> (Approx. 100 G)
Weight	35 g [1.24 oz]
Agency Approvals and Standards	UL, CE

### Product Specifications

UL File #	E#150950
Expected Mechanical Life	ac - 50 Million Operations min.
Comment	Standard Relay; Solder/Plug-in; DPDT
Availability	Global
Series Name	SZR-LY