

## SZR-LY2-N1-AC220V

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**SZR-LY General Purpose Relay: LED Indicator; 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	LED Indicator
Resistive Load	110 V, 10 A
Inductive Load	110 V, 7.5 A
Sw itching (Resistive Load)	1100 VA
Sw itching (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
Pow er 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 Cadum 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

Product Specifications

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