

SZR-LY4-N1-DC24V

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

SZR-LY General Purpose Relay: LED Indicator; Plug-in/Solder Terminal; 4PDT; 24 Vdc

Actual product appearance may vary.

Product Specifications

Current Rating	10 A
Contact(s)	4PDT
Terminal	Solder/Plug-In
Options	LED Indicator
Resistive Load	24 V, 10 A
Inductive Load	24 V, 5 A
Sw itching (Resistive Load)	240 W
Sw itching (Inductive Load)	120 W
Contact Rating	125 Vdc
Coil Input Voltage	24 Vdc
Rated Current at 50 Hz	69 mA
Rated Current at 60 Hz	69 mA
Coil Resistance	350 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	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 ² (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	LED Indicator; Solder/Plug-in; 4PDT
Availability	Global
Series Name	SZR-LY