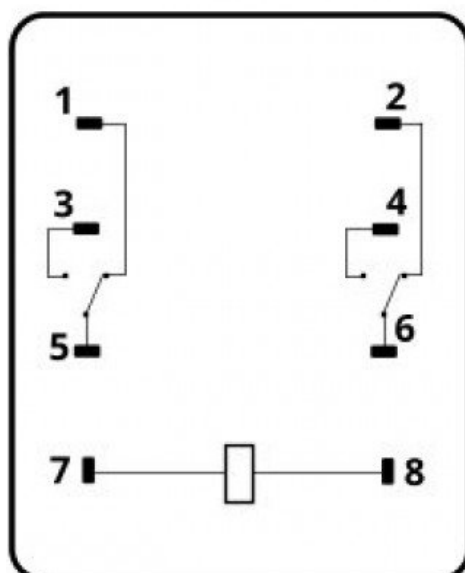


General Purpose Relay

LY

LY2NJ-240V

This LY series relay is a great for control where an put AC input voltage is required. The LY series relay can switch currents up to 10A. The relay has 8 Pins, DPDT, 2 NO, 2 NC makes it suitable for various switching applications. The relay use a PTF08A Din Rail socket.



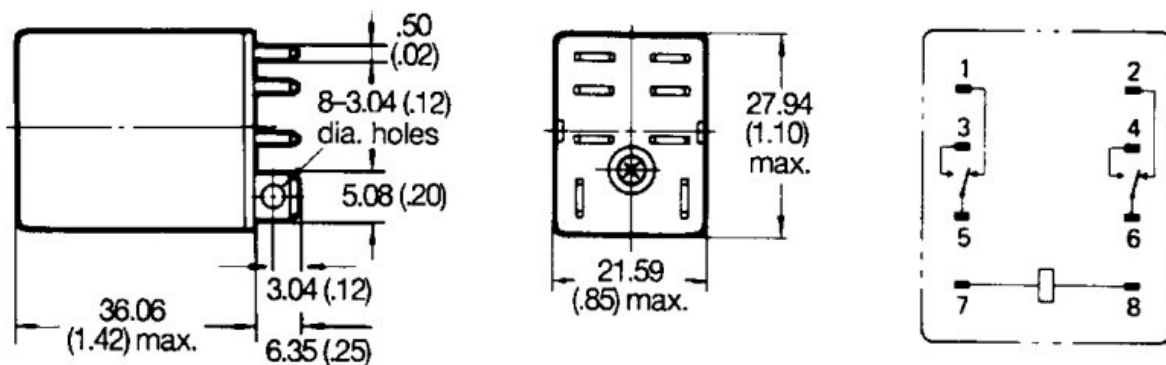
General Purpose Relay

LY

Dimensions

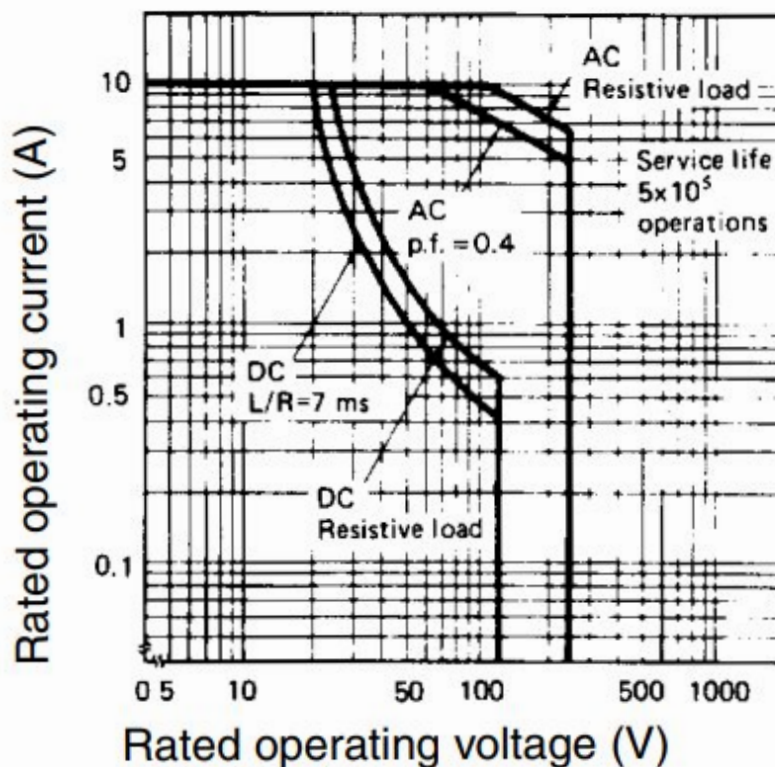
LY2

Terminal
arrangement
(Bottom view)



Current / Volt Rating

LY2



General Purpose Relay

LY

Electrical Characteristics

■ Coil Data

1- and 2-pole Types – AC

Rated voltage (V)	Rated current (mA)		Coil resistance (Ω)
	50 Hz	60 Hz	
220/240	4.80/5.30	4.20/4.60	18,790

■ Characteristics

Contact resistance		50 m Ω max.
Operate time		25 ms max.
Release time		25 ms max.
Operating frequency	Mechanically	18,000 operations/hour
	Under rated load	1,800 operations/hour
Insulation resistance		100 M Ω min. (at 500 VDC)
Dielectric strength		2,000 VAC, 50/60 Hz for 1 minute
		1,000 VAC, 50/60 Hz for 1 minute between contacts of same polarity
Vibration	Mechanical durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude
	Malfunction durability	10 to 55 Hz, 1.00 mm (0.04 in) double amplitude
Shock	Mechanical durability	1,000 m/s ² (approx. 100 G)
	Malfunction durability	200 m/s ² (approx. 20 G)
Ambient temperature	Operating	LY1, LY2, LY3: -25° to 55°C; LY4 = -25° to 40°C
Humidity		35 to 85% RH
Service Life	Mechanically	AC: 50 million operations min. (at operating frequency of 18,000 operations/hour) DC: 100 million operations min. (at operating frequency of 18,000 operations/hour)
	Electrically	See "Characteristic Data"
Weight		SPDT, DPDT: Approx. 40 g (1.41 oz), 3PDT: Approx. 50 g (1.76 oz) 4PDT: Approx. 70 g (2.47 oz)

General Purpose Relay

LY

LY2 BASE (PTF08A)

