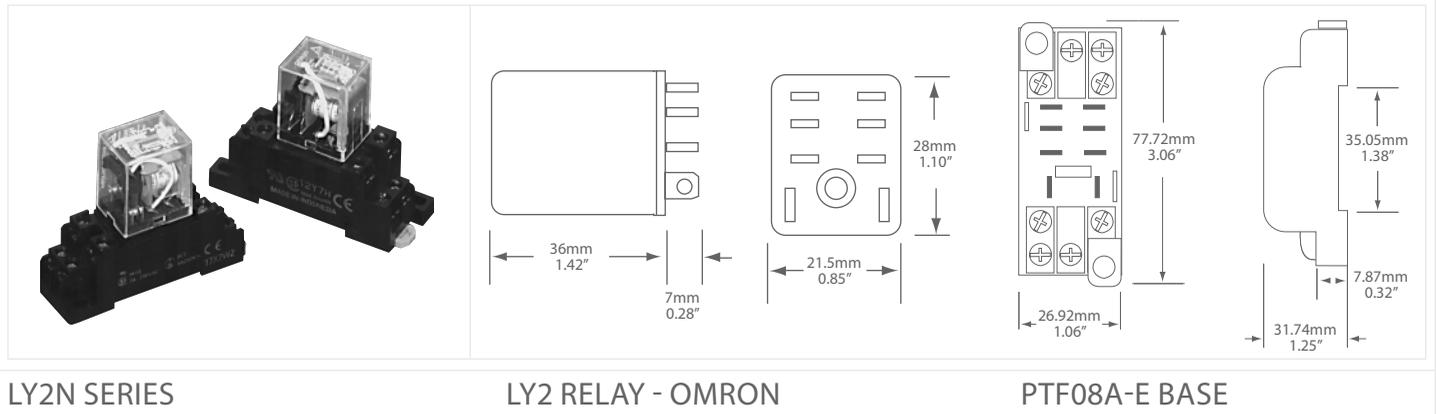




GENERAL PURPOSE RELAYS



PRODUCT DESCRIPTION

The LY2N series industrial relays in conjunction with the PTF08A0E base can be used for a wide range of commercial or industrial applications.

The LY2N has a 2 pole change-over configuration. It's wide terminals allow reliability at large currents.

TYPICAL INSTALLATION

For complete installation and wiring details, please refer to the product installation instructions.

The CR3 should be mounted inside an opening in the wall that is 210 mm wide x 167 mm high. Ensure unit can be secured to wall stud or equivalent on at least two sides.

SPECIFICATIONS

CONTACT CONFIGURATION	2 change over (DPDT) - 2 form C 10A
NOMINAL COIL POWER	0.9W DC - 1.2VA AC
OPERATING TIME (AT NOMINAL VOLTAGE)	≤25ms
RELEASE TIME (AT NOMINAL VOLTAGE)	≤25ms
AMBIENT TEMPERATURE	-25 to 55°C (-13 to 131°F)
AMBIENT HUMIDITY	35 % to 85%
VIBRATION RESISTANCE	10 to 55Hz, 1mm (0.04") double amplitude
SHOCK RESISTANCE (FUNCTIONAL)	200m/s ² (200G)
TERMINATION (RELAY)	Flanges (blades) 5mm (0.20")
CONSTRUCTION	Duct cover
WEIGHT	40g (1.41oz)

COIL CHARACTERISTICS, DC @ +23°C (+73°F), COIL POWER 900mW

COIL CODE	NOMINAL VOLTAGE VDC	PICK-UP VOLTAGE VDC	DROP-OUT VOLTAGE VDC	MAX. ALLOWED VOLTAGE VDC	COIL CURRENT mA	COIL RESISTANCE Ω
12	12	9.6	1.2	13.2	75	160
24	24	19.2	2.4	26.4	36.9	650

COIL CHARACTERISTICS, AC @ +23°C (+73°F), COIL POWER 1.2VA

COIL CODE	NOMINAL VOLTAGE VAC	PICK-UP VOLTAGE VAC	DROP-OUT VOLTAGE VAC	MAX. ALLOWED VOLTAGE VAC	COIL CURRENT mA		COIL RESISTANCE Ω
					50HZ	60HZ	
A24	24	22.4	7.2	26.4	53.8	46	180
A120	120	96	36.0	132	108	9.2	4430

ORDERING

PRODUCT	LY2N	10 amp contacts, DPDT with Neon Light
COIL VOLTAGE	12Vdc 24 Vdc 24 Vac 120 Vac	Low voltage DC, 12 Vdc Low voltage DC, 24 Vdc Low voltage AC, 24 Vac High voltage AC, 120 Vac

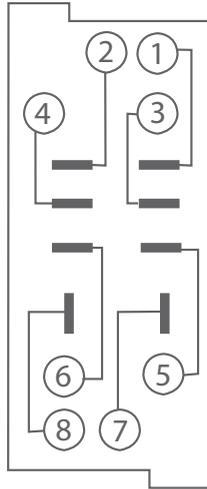
PART NUMBER

LY2N

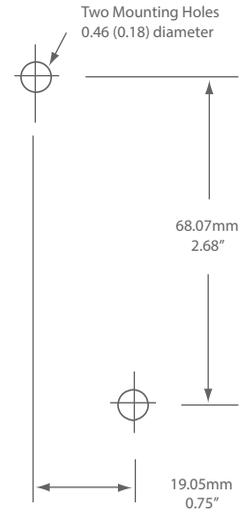
NOTE: Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.



MOUNTING OVERVIEW



Wiring Diagram



Drilling Pattern