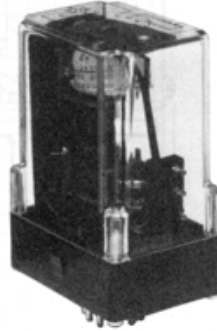


**Mechanical Latch
Enclosed, Plug-In
5 Amp/10 Amp**

General Information

- Polyurethane insulated magnet wire improves heat dissipation.
- Low level, gold diffused silver contacts optional.
- Acetal latch members, both series, have excellent dimension stability, low moisture absorption and near infinite wear.
- Series 27P and 27Q relays only include polycarbonate dust cover with low moisture absorption and high impact strength. They are mounted on a phenolic base for dimensional and physical stability.
- One and two pole relays are recognized under the Components Program of U.L. Inc., File E39906. 27P, one and two pole are CSA certified by request only. File LR26861.



27 Series, Enclosed Plug-In

Specifications

Insulating Material:	Phenolic/polycarbonate
Dust Cover:	Clear Polycarbonate
Coil Bobbin Material:	Nylon
Coil Winding:	Polyurethane insulated magnet wire
Insulation Resistance:	100 Megohms minimum
Dielectric Strength:	500 Volts R.M.S. 60 Hz between open contacts. 1500 volts R.M.S. 60 Hz between all elements.
Temperature Range:	
27P and 27Q:	
D.C.:	-55° to +70°C (-67° to +158°F)
A.C.:	-55° to +60°C (-67° to +140°F)
Life Expectancy:	
Mechanical:	In excess of 20 million operations
Electrical:	100,000 minimum at full rated load
Duty Cycle:	Continuous (one coil energized only)
Weight:	6.7 oz. (190 Gr.)

**Coil Specifications
A.C. Coils**

Rated Voltage 50/60 Hz	DC Resistance (Ohms) ±10%	Average Current (MA) (60 Hz)	Must Operate Volts Max.
12	13	333	9.6
24	58	167	19
120	1220	33	96
240	5000	17	192

D.C. Coils

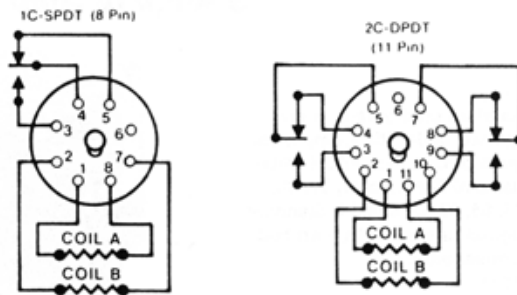
Rated Voltage	DC Resistance (Ohms) ±5%	Average Current (MA)	Must Operate Volts Max.
12	72	200	9
24	288	100	18
110	5880	22	82

Contact Rating

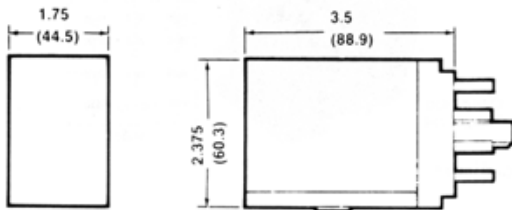
Materials	Rating*
Fine Silver Gold Flashed (Ag)	5 Amp, 28 VDC (resistive) 5 Amp, 250 VAC, (resistive) 1/10 HP, 125 VAC 1/4 HP, 250 VAC
Silver Cadmium Oxide (AgCdO)	10 Amp, 28 VDC (resistive) 10 Amp, 250 VAC (resistive) 1/4 HP*, 125 VAC 1/3 HP*, 250 VAC
Fine Silver Gold Diffused (AuAg)	Low level applications (Specify Feature 07)

* Total controlled load not to exceed 20 amps when used in industrial applications.

27 P & Q Series (Shown with Coil "A" Energized, Coil "B" De-energized)



Series 27 Plug-In



	Sockets	Retainers
1C	60SR2P05 60SR2P06 60SR2P51	Z-100071 60SFA201 Clip N/A
2C	60SR3P05 60SR3P06 60SR3P51	Z-100071 60SFA201 Clip N/A

27 P-Q Series
Ordering Information

