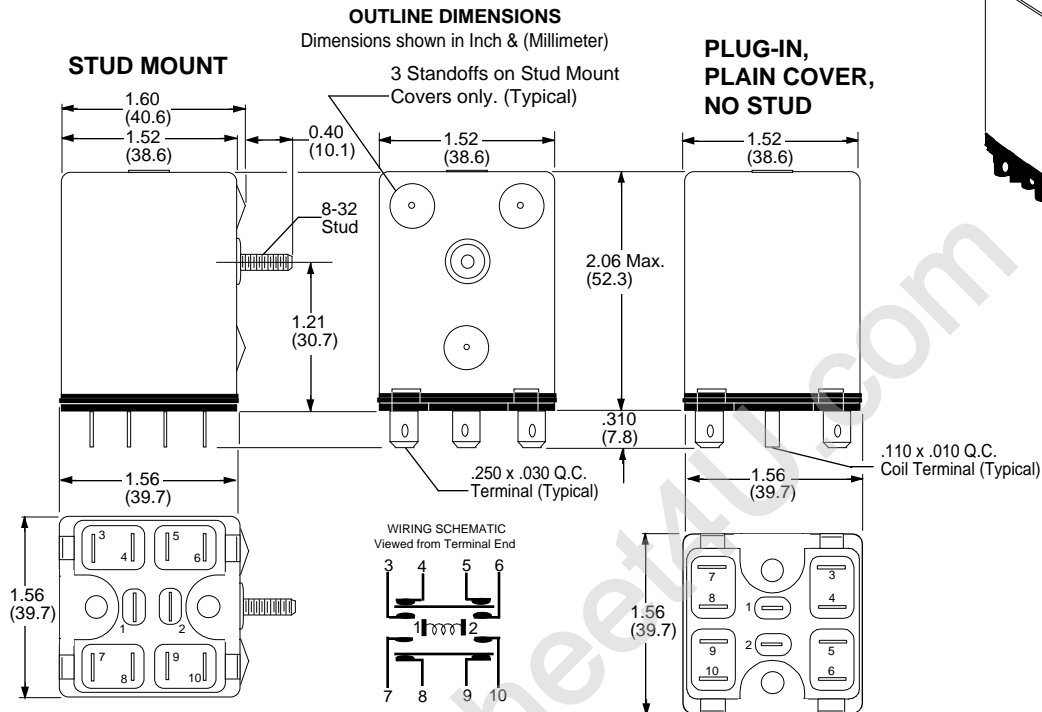
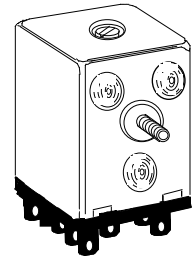


CLASS 97 POWER RELAY PLUG-IN OR SIDE STUD MOUNT



SPECIFICATIONS

- COIL**
 Pull-in Voltage: AC, 85% of Nominal Voltage or less
 Dropout Voltage: DC, 75% of Nominal Voltage or less
 Max. allowed voltage: 110% of nominal voltage
 Maximum Power: 3 Watts
 Minimum Power: 1.6 Watts
 Duty: Continuous
 Resistance: ±10%
- CONTACTS**
 Contact Configuration: 2 Form "Z" (DPDT DB-DM)
 Contact Material: Silver Alloy
 Contact Resistance: 50 Milliohms max. (Initial)
 Contact Rating: 25 Amps @ 120 VAC Resistive, 1 HP @ 120 VAC, 2Hp @ 277 VAC, 10 Amps @ 240 VAC Resistive, 1KW Tungsten Lamp Load @ 120 VAC, 25 Amps Resistive @ 24 VDC.
- TIMING**
 Operate Time: 35 mS Max. @ Nominal Voltage.
 Release Time: 35mS Max. @ Nominal Voltage.
- DIELECTRIC STRENGTH**
 Coil to Contacts: 2000 V rms
 Across Open Contacts: 1500 V rms
 Pole to Pole: 2000 V rms
 Contact to Frame: 2000 V rms
 Insulation Resistance: 500 VDC Exceeds 100 Megohms min.
- TEMPERATURE**
 Operating: -35°C to +70°C @ Rated Operation.
- VIBRATION RESISTANCE**
 Functional: 5g's; 10 to 55 Hz,
- SHOCK RESISTANCE**
 Functional: 10 g's
- LIFE EXPECTANCY**
 Mechanical (No Load): 1 Million Operations
 Electrical (Rated Load): 100,000 Operations
 Max. Cycle Rate: 1800 per hour
- MISCELLANEOUS**
 Terminals: All Terminals on Stud mounted relays are 1/4" x .032 Quick Connect Tabs. Plug-in relays have 1/4" x .032 Quick Connect Tabs and .110 Taper Coil Terminals Plated Steel
 Enclosure: Any
 Operating Position: Any
 Weight: 259.4 grams



Magnecraft

PART NUMBERS	COIL Measured @ 25°C		
	Nominal Input Voltage	Nominal Resistance (Ohms)	Nominal Power
STUD MOUNTING STYLE			
W97ACSX-3	120 VAC	-	8 VA
W97ACSX-4	240 VAC, 60 HZ 220 VAC, 50 HZ	-	8 VA
W97CSX-1	12 VDC	50	2.5 W
W97CSX-2	24 VDC	200	2.5 W
PLAIN COVER, PLUG-IN (NO STUD)			
W97ACPX-2	24 VAC	-	8 VA
W97ACPX-3	120 VAC	-	8 VA
W97ACPX-4	240 VAC, 60 HZ 220 VAC, 50 HZ	-	8 VA
W97CPX-1	12 VDC	50	2.5 W
W97CPX-2	24 VDC	200	2.5 W

PART NUMBERS SHOWN ALSO AVAILABLE THRU STOCKING DISTRIBUTION.

SEE SECTION 10
FOR
MATING SOCKETS