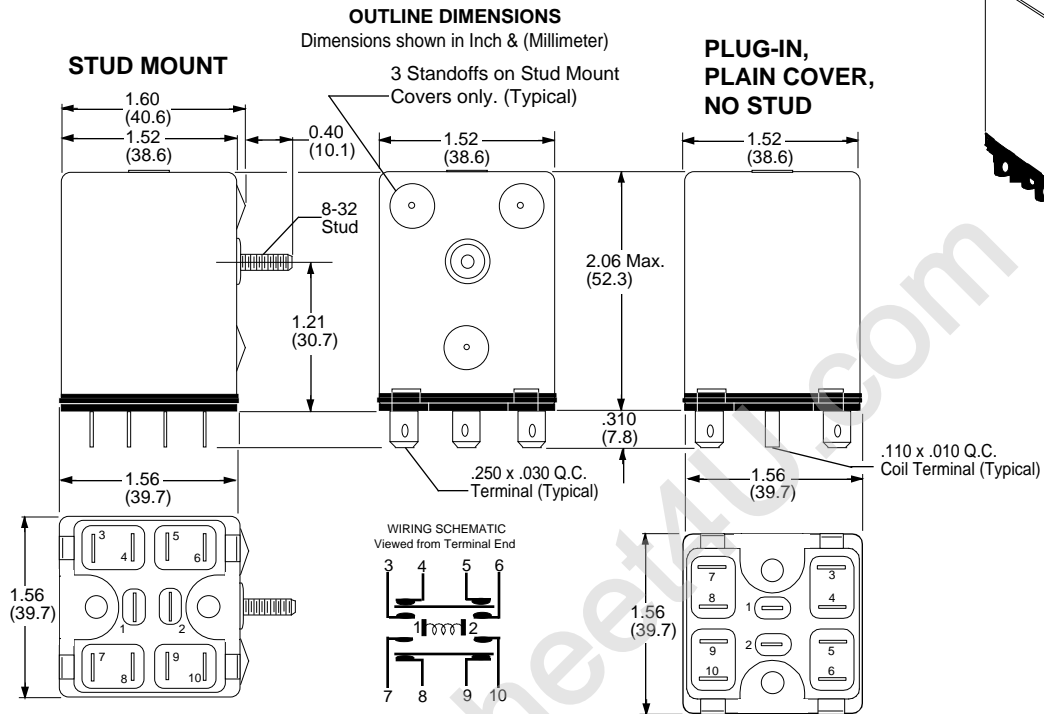
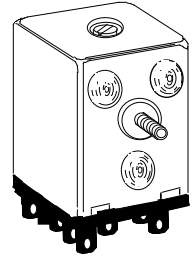


CLASS 97 POWER RELAY PLUG-IN OR SIDE STUD MOUNT



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**