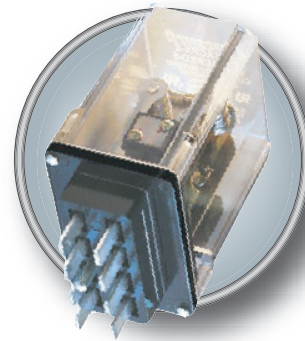
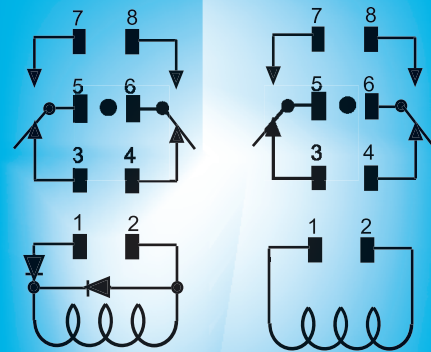


DPDT, 30 AMP

## GENERAL SPECIFICATIONS (@ 25° C)

PART NUMBER	21 (UL RECOGNIZED)	136 (NOT UL RECOGNIZED)
<b>COIL</b> Nominal Voltage Pull-in Voltage AC (% of nominal) Drop-out Voltage (% of nominal) Maximum Voltage (% of nominal) Resistance (ohms) Coil Power Duty	120 VAC 65 10 110 390 2.4VA Continuous	120VAC 74 10 110 390 6VA Continuous
<b>CONTACTS</b> Contact Configuration Contact Material Contact Rating 120 / 240VAC Resistive 120VAC Tungston 28VDC Resistive Motor 120VAC Contact Resistance, Initial	DPDT Silver Alloy 30A 20A 30A 1Hp 100 millohms max @ 6VDC	DPDT Silver Alloy 30A 10A 20A 1/4 HP 100 millohms max @ 6VDC
<b>TIMING:</b> Operate Time: Release Time:		20 mS 20 mS
<b>DIELECTRIC STRENGTH:</b> Across Open Contacts Between Mutally Insulated Points Insulation Resistance		500Vms 1500Vms 10,000 Mohms min @ 500 VDC
<b>TEMPERATURE:</b> Operating Storage		-34 to 74° C (-30 to 165° F) -40 to 105° C (-40 to 221° F)
<b>LIFE EXPECTANCY</b> Electrical Mechanical	200,000 5,000,000	100,000 5,000,000
<b>MISCELLANEOUS</b> Shock Vibration Mounting Position Enclosure Weight	10g's 3 to 30 Hz, 0.5g's Any Clear Polycarbonate 205 grams (7.2 ozs)	10g's 3 to 30 Hz, 0.5g's Any Clear Polycarbonate 230 grams (8.1ozs)

WIRING DIAGRAM  
(VIEWED FROM PIN END)

21

RECTIFIED COIL

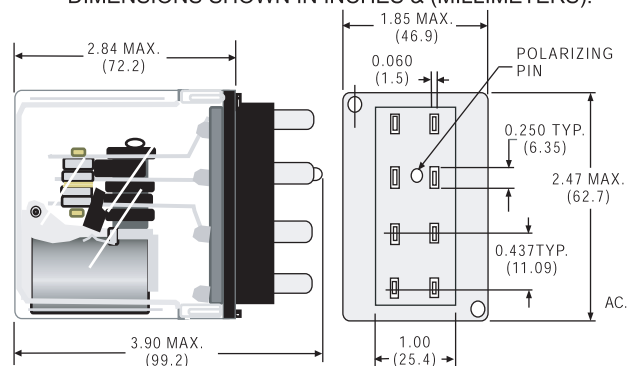


UL Recognized

136

## OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES &amp; (MILLIMETERS).



## BENEFITS OF RECTIFIED COIL DESIGN:

1. Chatter Free Operation in Brownout Conditions Down to **85 VAC** and Will not Overheat Up to 130VAC
2. **Less Power** Consumption and Less Heating

STANDARD PART NUMBER	CONTACT CONFIGURATION	NOMINAL INPUT VOLTAGE
W21ACPX - 2	DPDT	110 / 120VAC, 50 / 60 Hz
136 - 62T3A1	DPDT	110 / 120VAC, 50 / 60 Hz

EXCEEDS NEMA TS-1, TS-2 SPECIFICATIONS FOR TRAFFIC CONTROL SYSTEMS  
MATING SOCKETS - SK-TRF8-FW & SK-TRF8-BW

STRUTHERS-DUNN

WEBSITE: www.struthers-dunn.com EMAIL: info@struthers-dunn.com FAX: 1-843-662-8862 PHONE: 1-843-664-3303