

DPST-N.O. & DPDT 30 AMPS

UL CONTACT LOAD RATINGS TABLE

RATING	LOAD VOLTAGE	DPST-N.O. & DPDT	DPDT	OPERATIONS
		N.O. LOAD	N.C. LOAD	
RESISTIVE LOAD	120/277 VAC	30 AMP	3 A MP	6,000
	28 VDC	20 AMP	3 A MP	100,000
MOTOR	120 VAC	1 HP	-	1000
	240 VAC	3 HP	-	1000
TUNGSTEN	120 VAC	TV-10	-	25,000
LRA/FLA*	240 VAC	96/22	-	30,000
		110/25.3	-	
PILOT DUTY	240 VAC	3 AMP	-	6,000

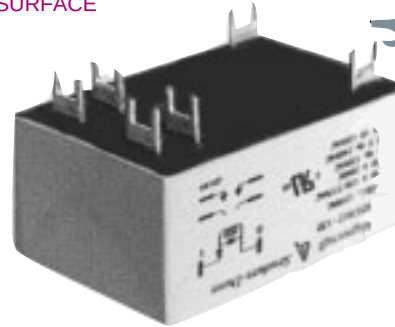
Note: Vent tape must be removed to achieve listed ratings

* FLA = Full load Amps, LRA = Locked rotor Amps.

cULus
UL Recognized
File No. E43641

CLASS "F" INSULATION. EPOXY SEALED WITH REMOVABLE TAPE SEAL OVER VENT HOLE (REMOVED AFTER CLEANING).

MEETS UL 873 AND
UL 508 SPACING - (8MM)
THRU AIR, (9.5 MM)
OVER SURFACE



GENERAL SPECIFICATIONS

COIL

Pull-in Voltage:	AC: 80% of nominal voltage or less DC: 75% of nominal voltage or less
Dropout Voltage:	10% of nominal voltage or more
Max. Operating Frequency:	14 operations per minute
Coil Power:	AC coil: 4.0VA, DC coil: 1.7W
Insulation System:	Class "F" (155°C)
Coil Resistance:	±10% measured @ 25°C
Duty:	Continuous

CONTACT

Contact Material:	Silver cadmium oxide
Contact Load Ratings:	See: "UL CONTACT LOAD RATINGS TABLE"
Contact Resistance:	100,000,000 @ initial rated current (switched)
Minimum Load:	N.O. 500 mA @ 12 VAC/VDC N.C. 100 mA @ 6 VAC/VDC

TIMING

Operate Time:	DC: 15 mS typ. 25ms W / Bounce
Release Time:	DC: 10mS typ. 25 ms W / Bounce

DIELECTRIC STRENGTH

Between Open Contacts:	1500 V rms
Contacts to Coil:	4000V rms
Insulation Resistance:	10 ³ meg Ω min. @ 500 VDC, 50% Rh

TEMPERATURE

Operating:	AC coil rectified: -40°C to +85°C, DC: -40°C to +85°C
Storage:	-55°C to +155°C

VIBRATION RESISTANCE

Functional:	0.065 (1.65 mm) double amplitude -10 thru 55 Hz
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SHOCK RESISTANCE

Functional:	10 g's for 11 mS, 1/2 sign wave pulse with no contact opening > 100μs
Mechanical:	100 g for 11 ms 1/2 sine wave pulse

LIFE EXPECTANCY

Electrical:	100,000 operations @ rated resistive load
Mechanical:	5,000,000 operations @ no load

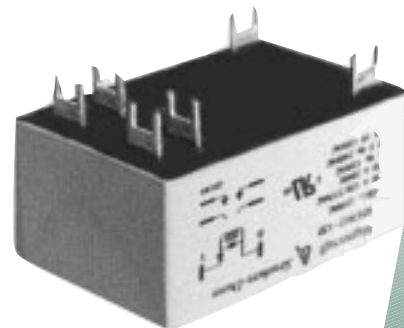
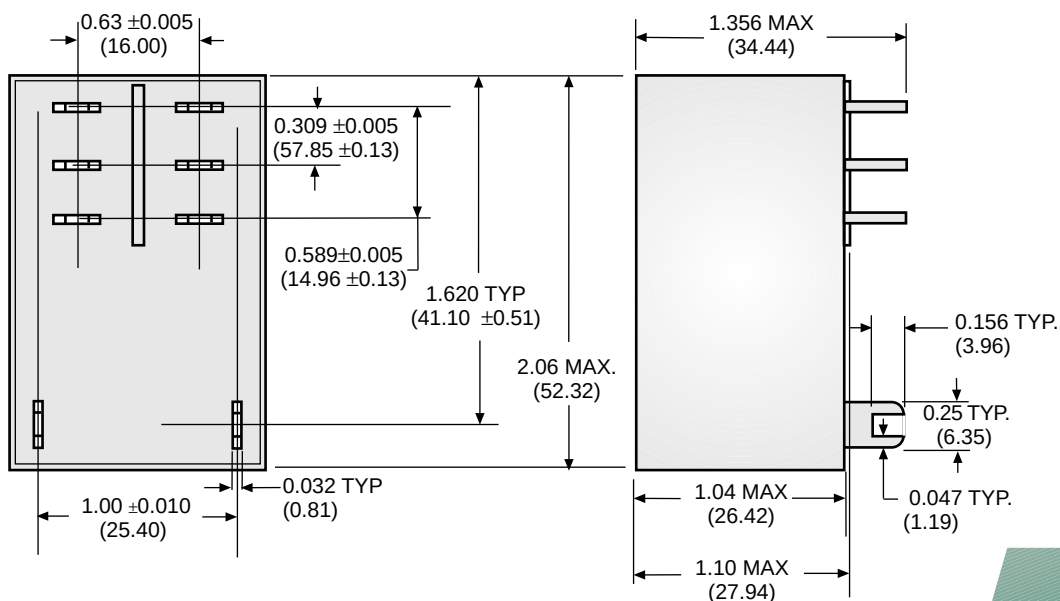
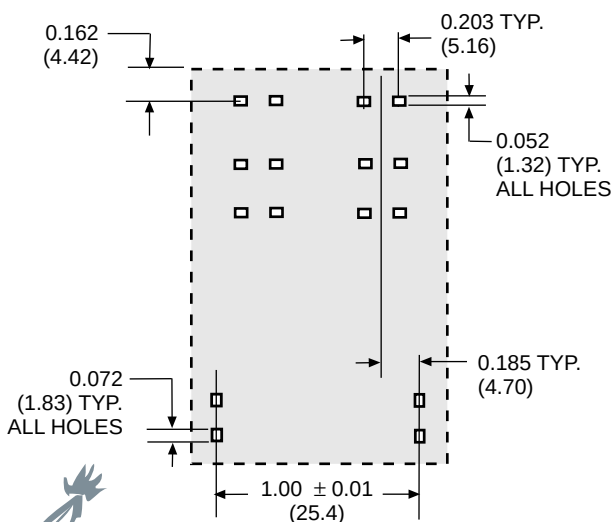
MISCELLANEOUS

Operating Position:	Any
Enclosure:	Epoxy sealed immersion cleanable tape sealed plastic cover
Flammability:	94V-O Flammability rating
Weight:	86 g approx

DPST-N.O. & DPDT 30 AMPS

OUTLINE DIMENSIONS

DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).

PRINTED CIRCUIT
MOUNTING HOLE LAYOUT
(BOTTOM VIEW)

NOTE:
VENT TAPE MUST BE REMOVED
TO ACHIEVE LISTED RATINGS

WIRING DIAGRAM
(VIEWED FROM PIN END)

STANDARD PART NUMBERS	CONTACT CONFIGU- RATION	COIL MEASURED @ 25°C	
		NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)
AC OPERATED COIL PRINTED CIRCUIT MOUNT, 30 AMP			
W92S7A12-24	DPST-NO	24 VAC	-
W92S7A12-120	DPST-NO	120 VAC	-
W92S7A12-240	DPST-NO	240 VAC	-
W92S11A12-24	DPDT	24 VAC	-
W92S11A12-120	DPDT	120 VAC	-
W92S11A12-240	DPDT	240 VAC	-
DC OPERATED COIL PRINTED CIRCUIT MOUNT, 30 AMP			
W92S7D12-12	DPST-NO	12 VDC	86 Ω
W92S7D12-24	DPST-NO	24 VDC	350 Ω
W92S7D12-48	DPST-NO	48 VDC	1,390 Ω
W92S7D12-110	DPST-NO	110 VDC	7,255 Ω
W92S11D12-12	DPDT	12 VDC	86 Ω
W92S11D12-24	DPDT	12 VDC	350 Ω
W92S11D12-48	DPDT	48 VDC	1,390 Ω
W92S11D12-110	DPDT	110 VDC	7,255 Ω