



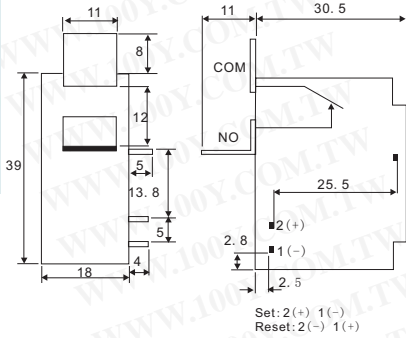
Relays & Solenoids

Latching Relay

Detailed product specifications are available on: us.100y.com.tw



TOWARD



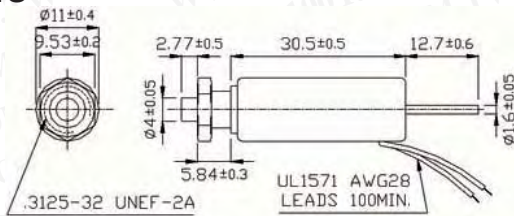
SPECIFICATIONS

Pulse to set	60ms/min
Rate power	1W
Operating power to set	0.75W
Life expectancy of electrical	1x10 ⁴ ops Min. (1800 ops/hr)
Life expectancy of mechanical	1x10 ⁶ ops. Min
Insulation resistance	1000M ohm Min. (500VDC)
Dielectric strength	Between open contacts 50Hz 1500VAC (for 1 min) Between open contacts 50Hz 4000VAC (for 1 min)
Vibration	10-55Hz, D. A1. 5mm
Shock resistance	10G
Operating temperature	-25°C~+70°C
Weight	Approx. 33g

Part No.	Product No.	Manufacturer	Description	L*W*H(mm)	Contact style	Contact Rating AV	Coil Volt.	Max. Set Volt.	Min. Reset Volt.
16031	BT60L-12VDC-A	TOWARD	Latching Relay	39*30.5*18	1 Form A / 1 Make	60A/250V	12VDC	9V	4.8V

Solenoids TTI_Solenoids

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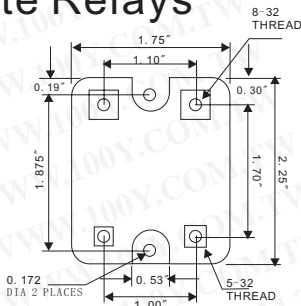
- Total weight : 17g
- Plunger weight : 3.2g
- Unit:mm) Shown energized



Part No.	Product No.	Manufacturer	Description	Voltage(V)	Hight(m/m)	Outer dia.(m/m)(φ)	axis dia.(m/m)(φ)
19794	TST-1130P-12V	TTI	Open Frame Solenoid Push Type	12V	30mm	9mm	4mm
18023	TST-1130P-24V	TTI	Open Frame Solenoid Push Type	24V	30mm	9mm	4mm

Solid State Relays Surface Mounting Power AC To AC Solid State Relays

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Model number	120A10	120A25	240A10	240A25	240A45
Data					
Nominal Current Rating (Amps)	10	25	10	25	45
Nominal Signal Input Resistance(Ohms)	33K	33K	33K	33K	33K
Signal Pick-up Voltage	85 VAC (280 allowed)	85 VAC (280 allowed)	85 VAC (280 allowed)	85 VAC (280 allowed)	85 VAC (280 allowed)
Signal Drop-out Voltage	10 VAC	10 VAC	10 VAC	10 VAC	10 VAC
Peak Repetitive Voltage Maximum	600	600	600	600	600
Maximum Output Voltage Drop	1.6 volts	1.6 volts	1.6 volts	1.6 volts	1.6 volts
Operating Voltage Range (Volts AC)	12-140	12-140	24-280	24-280	24-280
Isolation Voltage	4,000 VRMS	4,000 VRMS	4,000 VRMS	4,000 VRMS	4,000 VRMS
Dissipation (Watts/Amp)	1.6	1.3	1.6	1.3	0.9

Description

Opto 22 offers a complete line of solid state relays (SSRs), from the rugged 120/240-volt AC Series to the small footprint MP Series, designed for mounting on printed circuit boards. All Opto 22 relays feature 4,000 volts of optical isolation and are UL and CSA recognized. The innovative use of room temperature liquid epoxy encapsulation, coupled with Opto 22's unique heat-spreader technology, are key to mass-producing the world's most reliable solid state relays.

Every Opto 22 solid state relay is subjected to full load test and six times the rated current surge both before and after encapsulation. This double testing of every part before it leaves the factory means you can rely on Opto 22 solid state relays. All Opto 22 SSRs are guaranteed for life.

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage
30820	120A10	OPTO22	OPTO22_Surface Mounting Power AC-AC SSR	85-280VAC	10A	120VAC
30826	120A25	OPTO22	OPTO22_Surface Mounting Power AC-AC SSR	85-280VAC	25A	120VAC
30838	240A10	OPTO22	Surface Mounting Power AC-AC SSR	85VAC(280 allowed)	10A	240V
30839	240A25	OPTO22	Surface Mounting Power AC-AC SSR	85VAC(280 allowed)	25A	240V
30870	240A45	OPTO22	Surface Mounting Power AC-AC SSR	85VAC(280 allowed)	45A	240V

