

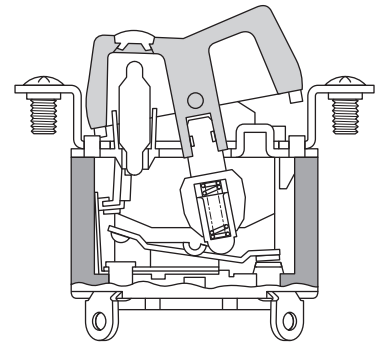
General Specifications

B Electrical Capacity

Resistive Load: 20A @ 110V AC

Other Ratings

Contact Resistance:	10 milliohms maximum
Insulation Resistance:	1,000 megohms minimum @ 500V DC
Dielectric Strength:	2,000V AC minimum for 1 minute minimum
Mechanical Life:	30,000 operations minimum
Electrical Life:	10,000 operations minimum
Nominal Operating Force:	1,250 grams
Angle of Throw:	22°



Cross Section View of LW3021A

Materials & Finishes

Rocker:	Polycarbonate resin
Mounting Frame:	Steel with chrome plating
Movable Contacts:	Silver alloy
Stationary Contacts:	Copper with silver plating
Base:	Melamine
Common & End Terminals:	Brass with tin plating

Environmental Data

Operating Temperature Range: -10°C through +50°C (+14°F through +122°F)

Distinctive Characteristics

White rocker with translucent red window on one side of surface indicates distinctive position of actuator.

Neon illumination with built-in ballast resistor.

Two-screw, flush panel mounting.

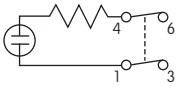
Robust rocker with crisp, tactile actuation and large current capacity.

Solder lug terminals.

Actual Size



SINGLE POLE HIGH CAPACITY

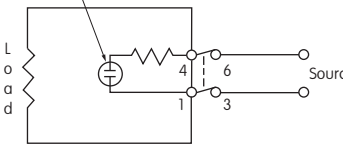
		Rocker Position NONE = No Position			Connected Terminals			Throw & Power/Lamp Schematics
Model	Pole	Up 	Center	Down 	Up 	Center	Down 	Notes: Terminal numbers are on the switch. Lamp circuit is synchronous to the switching circuit.
LW3021A	DP	ON	NONE	OFF	1-3 4-6	OPEN	OPEN	DPST 

Neon Lamp Specifications

.234" x .198" (5.94mm x 5.03mm) window is translucent red.
Neon lamp with built-in ballast resistor is integral part of switch.

Voltage	V	90 - 120V AC
Internal Series Resistance		100K ohms
Current	I	0.8mA
Endurance		10,000 hours minimum

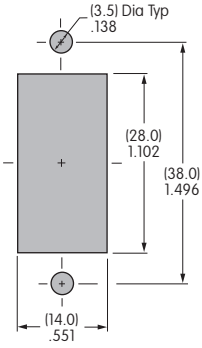
Neon Lamp



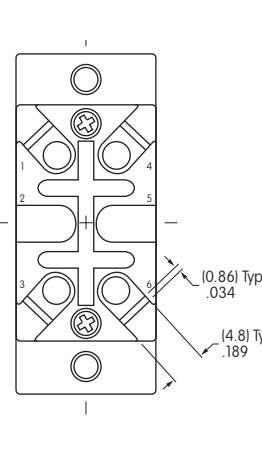
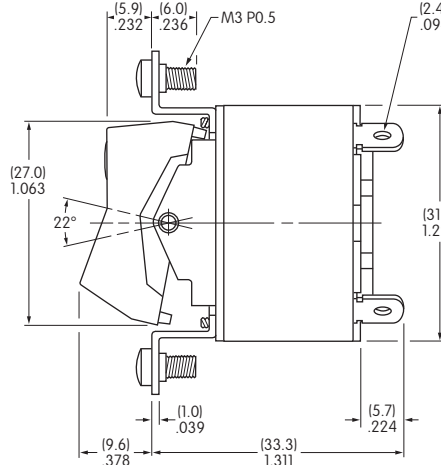
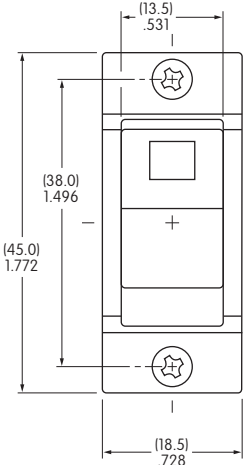
Since this is a double break device, one side of the electrical source should be connected to terminal 3 and the other side to terminal 6. The electrical load should be connected between terminals 1 and 4.

PANEL CUTOUT

Maximum Effective
Panel Thickness:
.197" (5.0mm)



TYPICAL SWITCH DIMENSIONS



2 screws supplied for
flush panel mounting

Actuator in UP position

LW3021A