

### PRODUCTS

## Series SW Medium Capacity Rocker Switches

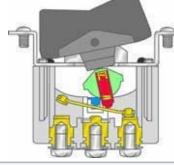
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**High Capacity Rockers** 

• Download Specifications Configure This Switch!

• Download Specifications Configure This Switch!



#### Standard Size Rocker Switches

SW Series are standard size rockers that are constructed of sturdy, high performance materials that include a zinc-plated steel mounting plate. The contacts are made of specially alloyed silver, which provide superior arc resistance, mechanical stability, and long electrical and mechanical life. Many of the SW series models are UL recognized and CSA certified. These rockers are designed for sub-panel mounting applications and screw lug models includes screws and mounting hardware.



# **GENERAL SPECIFICATIONS FOR SW3000s**

## **Electrical Capacity (Resistive & Inductive Load)**

**Power Level:** Shown in the following tables

# **Other Ratings**

Contact Resistance:	10 milliohms maximum
	1,000 megohms minimum @ 500V DC
Dielectric Strength:	2,000V AC minimum for 1 minute minimum
Mechanical Life:	30,000 operations minimum
	10,000 operations minimum
Angle of Throw ( $\alpha$ ):	Shown on drawings or following tables

# Materials & Finishes

Rocker:	Urea resin; all rockers are white.
Mounting Frame:	Steel with chromate plating over zinc plating
Case Cover/Insulator:	Phenolic resin
Case:	Melamine phenol
Movable Contactor Plate:	Copper with silver plating
Movable & Stationary Contacts:	Silver alloy plus copper with silver plating
	Copper with tin plating

# **Environmental Data**

Operating Temp Range: -10°C through +70°C (+14°F through +158°F) Sealing: Dustproof cover of silicone rubber on SW3006A, SW3007A, & SW3008A

# Installation

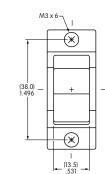
Maximum Panel Thickness:	Shown with following drawings
Soldering Time & Temperature:	Manual Soldering: See Profile A in Supplement section.

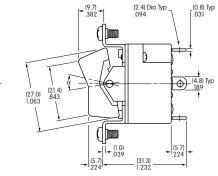
### **Standards & Certifications**

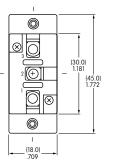
LR <sub>0</sub>	UL Recognized:	Designated with UL recognized symbol beside part numbers on following pages See Supplement section to find UL rating details. UL File No. WOYR2.E44145
LR <sub>2</sub>	C-UL Recognized:	Add "/U" to end of part number to order UL mark on switch. Designated with C-UL recognized symbol beside part numbers on following pages
°₀ <b>∕ €</b>		See Supplement section to find C-UL rating details. C-UL File No. WOYR8.E44145 Add "/C-UL" to end of part number to order C-UL mark on switch.
SP:	CSA Certified:	Designated with CSA certified symbol beside part numbers on following pages See Supplement section to find CSA rating details. CSA File No. 023535-0-000;
	VDE Approved:	Add "/C" to end of part number to order CSA mark on switch. SW3006A at 20A @ 125V AC & 10A @ 250V AC; VDE License No. 119189; Add "/V" to end of part number to order VDE mark on switch.

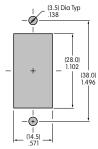


					SI	NGLE POL	e wit	h so	LDER LU	G				
				Rocke	er Positic	on/Connected Te	minals Electrical Capacity							
				Down Center			Up		Resistive				Inductive	α =
Model	el Approvals Pole			-	¥ 1		AC 125V	AC 250V		C IV	AC 125V PF 0.6	Angle of Throw		
SW3001A	LR <sub>°</sub>	<b>(P</b>	SPST	ON	1-3	NONE	OFF	_	15A	6A	15	δA	10A	24°
SW3002A	LR <sub>°</sub>	<b>(P</b>	SPDT	ON	2-3	NONE	ON	2-1	15A	6A	15	δA	10A	24°
SW3003A	<i>LR</i> °	<b>SP</b>	SPDT	ON	2-3	OFF	ON	2-1	15A	6A	15	δA	10A	28°
Throw & SPST Schematics:		SPST	INTERNAL CONNECTION			SP	DT	2 (COM)			Note:	Terminal nu actually on t		







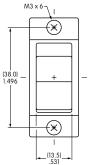


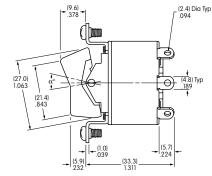
Maximum Effective Panel Thickness: .197" (5.0mm) for SW3001A & SW3002A models; .177" (4.5mm) for SW3003A models

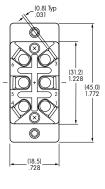
SW3001A

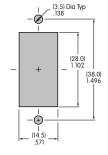
	DOUBLE POLE WITH SOLDER LUG											
Rocker Position/Connected Terminals () = Momentary Electr									Electrico	al Capacity		
		Down Center Up Resistive				Resistive		α =				
Model	Approvals	Pole			-			AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	Angle of Throw
SW3006A	🛞 <i>UR., UR.</i>	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	20A	10A	20A	10A	24°
SW3007A		DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	15A	6A	15A	10A	28°
SW3008A		DPDT	(ON)	2-3 5-6	OFF	(ON)	2-1 5-4	15A	6A	15A	10A	24°
Throw & Schema		DI	PDT	DT 2 (COM) 5 3 0 1 6 0 4 Note: Terminal number actually on the s								











Maximum Effective Panel Thickness: .197" (5.0mm) for SW3006A & SW3008A models; .177" (4.5mm) for SW3007A models

SW3006A