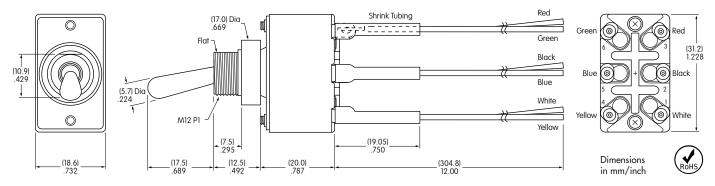
## S6AW-WL



DOUBLE POLE SOLDER LUG WITH PANEL SEAL										
Base Switch	Pole & Throw	Toggle Position/Connected Terminals					Electrical Capacity			Panel Cutout
		Down		Center	Up		Resistive			
				-			AC 125V	AC 250V	DC 30V	(11.1)
S6AW	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	20A	10A	20A	(12.5) Dia .492
Throw & Schematics:		DPDT 2 (COM) 5 • 1 6 • 4					Note: Terminal numbers are actually on the switch.			Maximum Panel Thickness: .158" (4.0mm)

			Wiring			W	ire Specifications	Standard Hardware	
No. of	Terminal 1	Terminal 2	Terminal 3	Terminal 4	Terminal 5	Terminal 6	UL1015	Temperature Range: -40°C ~ +105°C	AT503M Hex Face Nut
Wires							600V	(-40°F ~ +221°F)	AT508 Lockwasher
6	White	Black	Red	Yellow	Blue	Green	14 AWG	Stripped Wire Ends 1/4"	AT537 O-ring

## Base Switch Specifications

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

**Power Level:** 20A @ 125V AC or10A @ 250V AC or 20A @ 30V DC

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: 50,000 operations minimum
Electrical Life: 25,000 operations minimum

Angle of Throw: 22°

**Materials & Finishes** 

**Toggle:** Brass with chrome plating **Bushing:** Brass with chrome plating

Case: Phenolic resin
Case Cover: Steel with zinc plating
Movable Contactor: Copper with silver plating

Movable Contacts: Silver alloy capped on copper with silver plating Stationary Contacts: Silver alloy capped on copper with silver plating

Terminals: Brass with tin plating

**Environmental Data** 

Operating Temperature Range:  $-30^{\circ}\text{C} \sim +70^{\circ}\text{C} (-22^{\circ}\text{F} \sim +158^{\circ}\text{F})$ 

Sealing: Splashproof panel seal model meets IP67 standard

Installation

Mounting Torque: 1.47Nm (13 lb•in)

