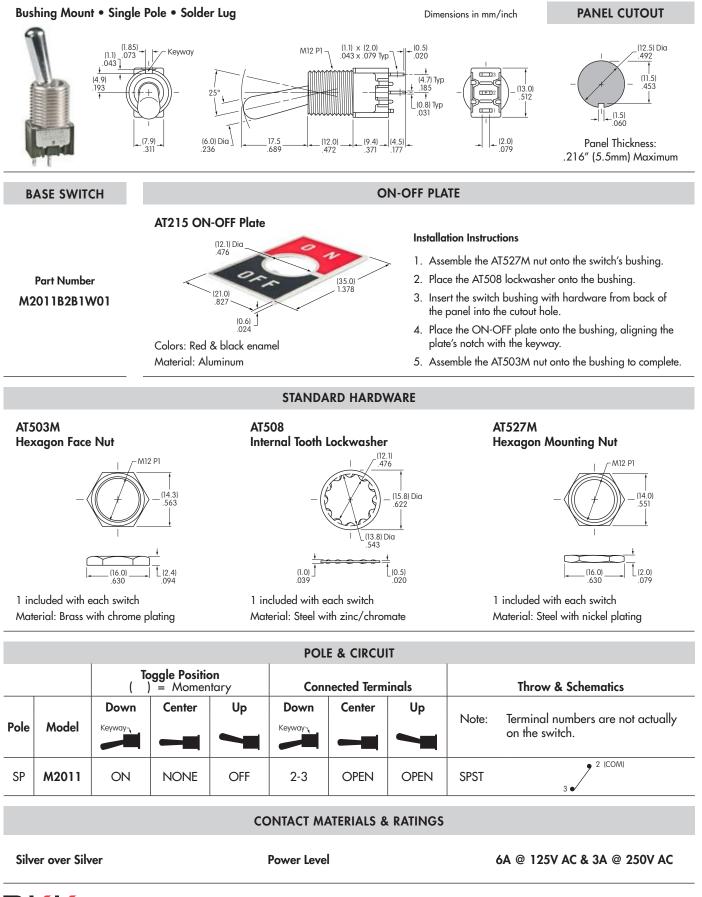
Series M

M2011VA002





Base Switch Specifications

Electrical Capacity (Resistive Load) Power Level: 6A @ 125V AC & 3A @ 250V AC; 4A @ 30V DC

Power Level:	6A @ 125V AC & 3A @ 250V AC; 4A @ 30V DC
Other Ratings	
Contact Resistance:	10 milliohms maximum
Insulation Resistance:	1,000 megohms minimum @ 500V DC
Dielectric Strength:	1,000V AC minimum between contacts for 1 minute minimum;
Mechanical Life:	1,500V AC minimum between contacts and case for 1 minute minimum 100,000 operations minimum
Electrical Life:	25,000 operations minimum
	50,000 operations minimum at 3A @ 125V AC
Angle of Throw:	25°
Materials & Finishes	
Toggle:	Brass with chrome plating
Frame:	Stainless steel
Bushing:	Brass with nickel plating
Support Bracket: Case:	Brass with tin plating Diallyl phthalate resin (UL94V–0)
Movable Contactor:	Phosphor bronze with silver plating
Movable Contacts:	Silver alloy
Stationary Contacts:	Silver with silver plating
Terminals:	Copper or brass with silver plating
Environmental Data	
Operating Temp Range:	–30°C through +85°C (–22°F through +185°F)
Humidity:	90 ~ 95% humidity for 96 hours @ 40°C (104°F)
Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning
Shock:	in 1 minute; 3 right angled directions for 2 hours 50G (490m/s²) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)
RoHS Compliant:	
•	(ROHS)
Installation Mounting Torque:	3.0Nm (26.55 lb∙in)
• •	5.014iii (20.55 lb+iii)
Processing	
Soldering:	Manual Soldering: 350°C for 3 seconds maximum, 1 cycle
Cleaning:	Note: Lever must be in OFF (center) position while soldering. These devices are not process sealed. Hand clean locally using alcohol based solution.
•	mose defices are not process section. Thank clean locally using alcohol bused solution.
Standards & Certifications	

Flammability Standards: UL94V-0 for case

