



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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GENERAL SPECIFICATIONS FOR PUSH-PULL PUSHBUTTONS

Electrical Capacity (Resistive & Inductive Load)

Power Level: Shown in the following tables

Other Ratings

Contact Resistance: 10 milliohms maximum
Insulation Resistance: 200 megohms minimum @ 500V DC
Dielectric Strength: 1,500V AC min. for 1 minute min.
Mechanical Life: 30,000 operations minimum
Electrical Life: 10,000 operations minimum
Total Travel: .177" (4.5mm) for SB862;
 .059" (1.5mm) for SB282
Operating Temp Range: -10°C through +70°C
 (+14°F through +158°F)

Materials & Finishes

Plunger: Brass with nickel plating
Bushing: Brass with nickel plating
Case: Phenolic resin
Case Cover: Steel with zinc plating
Movable Contactor: Brass with silver plating - SB862;
 copper with silver plating - SB282
Movable & Stationary Contacts: Silver - SB862;
 copper with silver plating - SB282
Terminals: Brass with silver plating - SB862;
 copper with silver plating - SB282

SINGLE POLE PUSH-PULL WITH SOLDER LUG

Model	Approvals	Pole & Throw	Pushbutton Position/Connected Terminals () = Momentary		Electrical Capacity (Resistive)	
			Normal	Down	AC 125V	AC 250V
SB862	— —	SPST	ON 1-2	OFF —	10A	5A

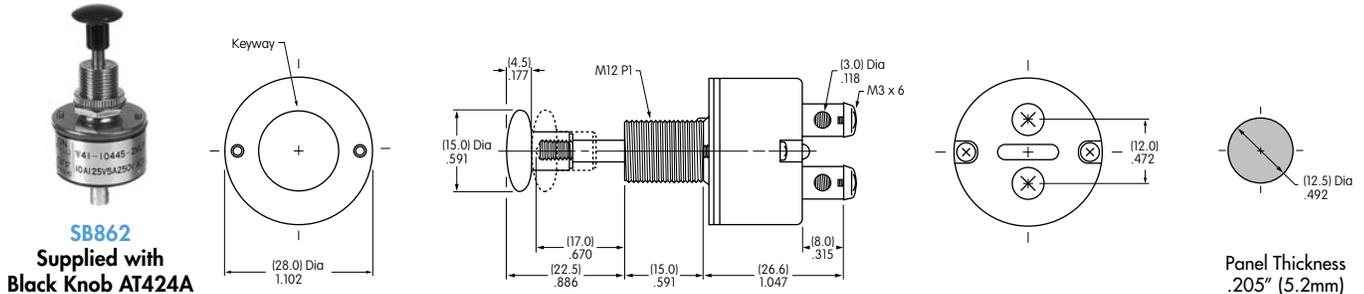
Throw & Schematic:

SPST



Note: Terminal numbers are not on the switch.

- Standard Hardware: AT504M Knurled Nut, AT508 Lockwasher, AT527M Hex Backup Nut. See Accessories & Hardware section for details.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.



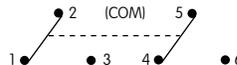
SB862
 Supplied with Black Knob AT424A

DOUBLE POLE PUSH-PULL WITH SOLDER LUG

Model	Approvals	Pole & Throw	Pushbutton Position/Connected Terminals () = Momentary		Electrical Capacity (Resistive)	
			Normal	Down	AC 125V	AC 250V
SB282	— —	DPDT	ON 2-1 5-4	ON 2-3 5-6	6A	3A

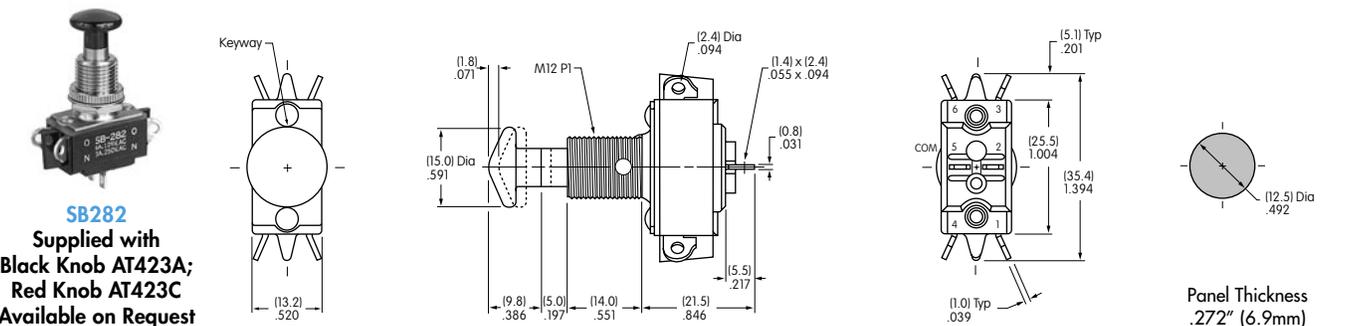
Throw & Schematic:

DPDT



Note: Terminal numbers are actually on the switch.

- Standard Hardware: AT504M Knurled Nut, AT508 Lockwasher, AT527M Hex Backup Nut. See Accessories & Hardware section for details.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.



SB282
 Supplied with Black Knob AT423A;
 Red Knob AT423C
 Available on Request