

# ST Series Miniature Rocker and Lever Switches

## CONTACT RATINGS

**Q Power models** - 6 Amps at 125 VAC, 3 Amps at 250 VAC or 7 Amps at 30 VDC (resistive loads).  
**B Dry Circuit models** - 0.4 Volt-Amps (VA) max. at 20 V max. (AC or DC).  
**UL models** - 6 Amps at 125 VAC or 3 Amps at 250 VAC (75% power factor). UL file no. E66367.  
**CSA models** - Same ratings as UL models. CSA file no. LR54592-1.  
 See page D10 for other contact ratings.

## OTHER RATINGS

**Electrical Life:** 100,000 cycles min. (ST1-1 and ST2-1 only - other models 40,000 cycles min.) - resistive.  
**Initial Contact Resistance:** 3 milliohms max. at 3 VDC, 0.1 Amp.  
**Insulation Resistance:** Greater than 200,000 megohms between terminals and case ground.  
**Dielectric Strength:** Greater than 2000 VAC for 1 minute between terminals and case ground (sea level).  
**Operating Temperature Range:** -30 to +85 C.

## MATERIALS

**Actuator** - J1 & J2 Glass filled polyester. J3 & J4 Nylon or Acetal.  
**Bushing** - Brass, nickel plated  
**Strap** - Stainless steel  
**Case** - Diallyl phthalate, color red  
**Contacts** - Coin silver for power, UL and CSA models; Gold over nickel over brass for dry circuit models  
**Support Bracket** - Brass or steel, tin plated  
**Spring Mounting Bracket** - Stainless steel  
**Bezel** - Nylon. Available in red, white or black - contact factory for other colors.  
**Panel Mounting Bracket** - Stainless steel.

## L.E.D.'s

Intensity: 2.0 mcd at 10 mA. Forward voltage: 2.0 V (3.0 V max.). Max. continuous forward current: 15 mA for red, 30 mA for green and 20 mA for yellow. Red is standard. Yellow and green are optional.  
 L.E.D. specifications are subject to change without notice - consult factory.

## INDEX

Models with complete model numbers specified ..... Pg. D3 - Pg. D8  
 Selection guide for ST series miniature rocker & lever switches ..... Pg. D9- Pg. D10

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

**Options—Actuators**      Colors available: J1 & J2 - Black, Red or White.  
 J3 & J4 - Black only. See order format pg. D9 to specify.

**J1 ROCKER**

**J2 LEVER**

**J3 ROCKER**

**J4 LEVER**

**PANEL MOUNTING INFORMATION**

**MOUNTING HARDWARE**

Hex Nut - Stainless Steel  
 Screw - Stainless Steel  
 Lock Washer - Stainless Steel  
 Stand-Off - Aluminum  
 (2 ea. of the above)

**1/2 PANEL HARDWARE SUPPLIED IF NOT SPECIFIED**

**RECOMMENDED PANEL CUTOUTS**

**J1 OR J2**

PANEL THKNESS	HARDWARE NO.	STAND-OFF LENGTH
1/16	A322-3	.295
3/32	A322-2	.264
1/8	A322-1	.233

**J3**

HARDWARE NO.	STAND-OFF LENGTH
A322-2	.264
A322-1	.233
A322-4	.202

**J4**

HARDWARE NO.	STAND-OFF LENGTH
A322-1	.233
A322-4	.202
A322-5	.171

