

### GENERAL SPECIFICATIONS FOR \$301 ~ \$339

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

Shown in the following tables

**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:** 15,000 operations minimum for S331s; 25,000 operations minimum for all others

Angle of Throw ( $\alpha$ ): Shown on following tables

**Materials & Finishes** 

PBT for flatted lever; brass with chrome plating for all others Toggle:

**Bushina:** Brass with chrome plating

Case: Melamine phenol Case Cover: Steel with zinc plating **Movable Contactor:** Copper with silver plating

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

> Terminals: Brass with silver plating

Installation

**Mounting Torque:** 2.94Nm (26 lb•in) for double nut; 1.47Nm (13 lb•in) for single nut

**Soldering Time & Temperature:** 3 seconds @ 350°C or 5 seconds @ 270°C

## SINGLE POLE WITH SOLDER LUG

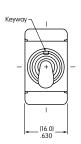
					Toggle Position/Connected Terminals						l Capaci	ty	
				Dov		Center	U	p		Resistive		Inductive	Angle
Model	Appro	ovals	Pole & Throw	Keywo				-	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw
<b>S301</b>	<i>LR</i> 。	<b>(P</b> )	SPST	ON	1-3	NONE	OFF	_	1 <i>5</i> A	6A	20A	10A	32°
<b>S302</b>	<i>U</i> R。	<b>@P</b>	SPDT	ON	2-3	NONE	ON	2-1	15A	6A	20A	10A	32°
<b>S303</b>	<i>U</i> R。	<b>@</b>	SPDT	ON	2-3	OFF	ON	2-1	15A	6A	20A	10A	32°
<b>S305</b>		<b>@P</b>	SPDT	ON	2-3	NONE	MOM	2-1	15A	6A	20A	8A	32°
<b>S308</b>		<b>@</b>	SPDT	MOM	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°
\$309		<b>(P)</b>	SPDT	ON	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°

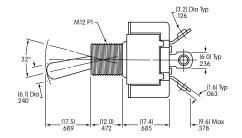
Throw & **Schematics:** 

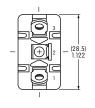
Note Terminal numbers are on the switch.

- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
- Solder lug terminal hole accommodates one 10-gauge solid or stranded wire.











Max. Panel Thickness 4.7mm (.185")

S301

\$301 model does not have terminal 2.



### DOUBLE POLE WITH SOLDER LUG

					Toggle Pos	ition/Connecte	d Terminal	ls		hy			
				l	own	Center		Up		Resistive		Inductive	α = Angle
Model	Approvals Pole & Throw		Keyway				<b>—</b>	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw	
S331	LR.	<b>(P</b> )	DPST	ON	1-3 4-6	NONE	OFF	_	25A	25A	25A	10A	25°
<b>S332</b>	<i>LR</i> 。	<b>(1)</b>	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	15A	25A	10A	25°
<b>S333</b>	<i>U</i> R。	<b>(1)</b>	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	15A	25A	10A	30°
<b>S335</b>	<i>U</i> R。	<b>(1)</b>	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	6A	20A	8A	25°
<b>S338</b>	<i>U</i> R。	_	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°
<b>S339</b>	<i>U</i> R。	_	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°

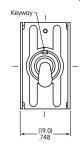
**DPDT** 

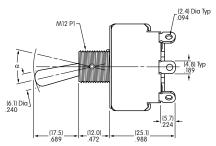
- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.

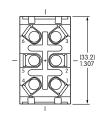


**S331** 

**Schematics:** 









Terminal numbers are

on the switch.

Max. Panel Thickness 4.7mm (.185")

S331 model does not have terminals 2 & 5.

### **DOUBLE POLE WITH SOLDER LUG & FLATTED LEVER**

					Toggle Pos	ition/Connecte	5	E					
					own	Center		Up		Resistive		Inductive	α = Angle
Model	Appro	vals	Pole & Throw	Key	way¬				AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	
S331R	<i>LR</i> 。	_	DPST	ON	1-3 4-6	NONE	OFF	_	25A	25A	25A	10A	25°
S332R	<i>LR</i> 。	_	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	15A	25A	10A	25°
S333R	<i>U</i> R。	_	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	15A	25A	10A	30°
S338R	<i>LR</i> 。	_	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°
S339R	<i>IR</i> 。	_	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°

Throw & **Schematics:** 

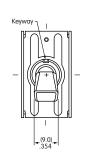


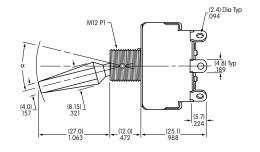


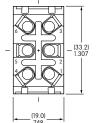
Terminal numbers are on the switch.

- Standard Hardware: AT504 Knurled Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
   Solder Lug terminal hole accommodates one 12-gauge solid or stranded wire.











Max. Panel Thickness 4.7mm (.185")

S331R

S331R model does not have terminals 2 & 5.



## SINGLE POLE WITH SCREW LUG

					Toggle Position/Connected Terminals						Electrical Capacity					
			n-I- o	Dov		Center	Up	)		Resistive		Inductive	Angle			
Model			Throw					=	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw			
S301T	LR.	<b>(1)</b>	SPST	ON	1-3	NONE	OFF	_	15A	6A	20A	10A	32°			
S302T	<i>LR</i> 。	48	SPDT	ON	2-3	NONE	ON	2-1	15A	6A	20A	10A	32°			
S303T	<i>LR</i> 。	<b>4</b>	SPDT	ON	2-3	OFF	ON	2-1	15A	6A	20A	10A	32°			
S305T	_	<b>(1)</b>	SPDT	ON	2-3	NONE	MOM	2-1	15A	6A	20A	8A	32°			
S308T	—	<b>(1)</b>	SPDT	MOM	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°			
S309T	_	<b>4</b>	SPDT	ON	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°			

Throw & **Schematics:**  **SPST** 

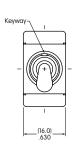


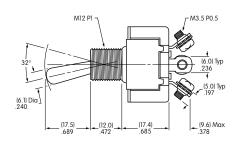


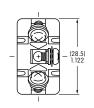
Terminal numbers are on the switch.

• Standard Mounting Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut.











Max. Panel Thickness 4.7mm (.185")

S301T

\$301T model does not have terminal 2.

## **DOUBLE POLE WITH SCREW LUG**

					Toggle I	Position/Connected Te	erminals	ı				
					own	Center	Up		Resistive		Inductive	α = Angle
Model	Approvo	ıls	Pole & Throw	Key	/way¬		7	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw
\$331T	- <i>U</i> R。	_ [	DPST	ON	1-3 4-6	NONE	OFF —	1 <i>5</i> A	1 <i>5</i> A	15A	10A	25°
S332T	- <i>U</i> R。	-	DPDT	ON	2-3 5-6	NONE	ON 2-1 5-4	15A	15A	15A	10A	25°
S333T	- <i>U</i> R。	-	DPDT	ON	2-3 5-6	OFF	ON 2-1 5-4	15A	15A	15A	10A	30∘
S335T	- <i>U</i> R,	-	DPDT	ON	2-3 5-6	NONE	MOM 2-1 5-4	15A	6A	20A	8A	25°
S338T	- <i>U</i> R。	-	DPDT	MOM	2-3 5-6	OFF	MOM 2-1 5-4	15A	6A	20A	8A	25°
S339T	- <i>U</i> R。	-	DPDT	ON	2-3 5-6	OFF	MOM 2-1 5-4	1 <i>5</i> A	6A	20A	8A	25°

Throw & **Schematics:** 

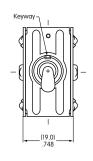


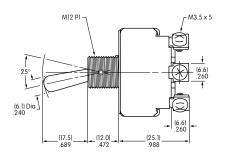


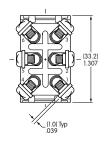
Note: Terminal numbers are on the switch.

• Standard Mounting Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut.











Max. Panel Thickness 4.7mm (.185")

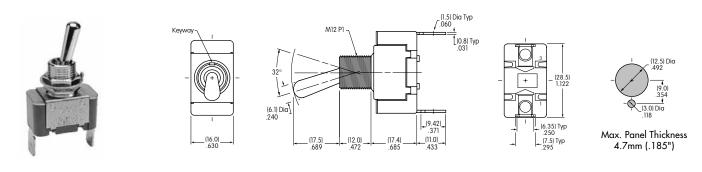
S331T

S331T model does not have terminals 2 & 5.



### SINGLE POLE WITH QUICK CONNECT **Toggle Position/Connected Terminals Electrical Capacity** Down Center Up Resistive Inductive Angle of Pole & AC 125V AC Model Throw Approvals 250V 30V PF 0.6 Throw **S301F SPST** NONE ON 1-3 OFF 15A 20A 32° 6A 10A 2 (COM) Terminal numbers are Throw & **SPDT SPST** on the switch. **Schematics:**

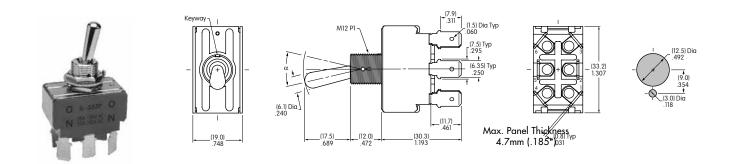
Standard Mounting Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut.



S301F S301F model does not have terminal 2.

### DOUBLE POLE WITH QUICK CONNECT **Toggle Position/Connected Terminals Electrical Capacity** $\alpha =$ Down Resistive Inductive Center Angle of Pole & AC 125V AC 250V DC 30V AC 125V Model **Throw Approvals** PF 0.6 Throw **S331F DPST** ON 1-3 4-6 NONE OFF 25A 25A 25A 10A 25° **S332F** *U*R. **DPDT** ON 2-3 5-6 NONE ON 2-1 5-4 25A 15A 25A 10A 25° **S333F** *U*R。 **DPDT** ON 2-3 5-6 OFF ON 2-1 5-4 25A 15A 25A 10A 30° *U*R, MOM S335F **DPDT** ON 2-3 5-6 NONE 2-1 5-4 15A 20A 8A 25° 6A Throw & INTERNAL CONNECTION Terminal numbers are Note: **Schematics:** on the switch.

Standard Mounting Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut.



S332F

S331F model does not have terminals 2 & 5.



### GENERAL SPECIFICATIONS FOR S31 ~ S49

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

Power Level: Shown in the following tables

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 ( $\alpha$ ): Shown on following tables

**Materials & Finishes** 

Toggle: PBT resin for flatted lever; brass with chrome plating for all others

**Bushina:** Brass with chrome plating

Case: Phenolic resin

Case Cover: Steel with chromate plating over 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 silver plating

**Environmental Data** 

**Operating Temp Range:** -10°C through +70°C (+14°F through +158°F)

Installation

**Mounting Torque:** 2.94Nm (26 lb•in) for double nut

**Maximum Panel Thickness:** Shown beneath panel cutout in switch dimension drawings

**Soldering Time & Temperature:** 3 seconds @ 350°C or 5 seconds @ 270°C

**Standards & Certifications** 

**UL Recognized:** Designated with UL recognized symbol beside part numbers on following pages

See Supplement Index (page Z2) to find UL rating details. UL File No. WOYR2.E44145

Add "/U" to end of part number to order UL mark on switch.

**CSA Certified:** Designated with CSA certified symbol beside part numbers on following pages

See Supplement Index (page Z2) to find CSA rating details. File No. 023535-0-000

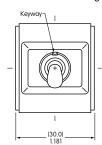
Add "/C" to end of part number to order CSA mark on switch.

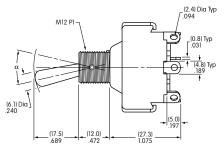


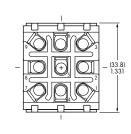
### THREE POLE WITH SOLDER LUG \*See page Z1 for UL detail. **Toggle Position/Connected Terminals Electrical Capacity** $\alpha =$ Down Center Uр Resistive Inductive Angle of Pole & Keyway-AC 125V AC AC DC Model **Approvals** Throw 125V 250V 30V PF 0.6 Throw \**U*R<sub>6</sub> 3PST 1-3 4-6 7-9 NONE OFF **S31** ON 25A 9Δ 20A 25° 10A **(1)** 3PDT NONE 2-1 5-4 8-7 \*426 ON 2-3 5-6 8-9 25° **S32** ON 25A 9A 20A 10A (1) 3PDT 2-3 5-6 8-9 2-1 5-4 8-7 **S33** \**U*R。 ON **OFF** ON 25A 9A 20A 10A 30° **S35** 3PDT ON 2-3 5-6 8-9 NONE MOM 2-1 5-4 8-7 15A 20A 25° *U*R。 (1) 6A 8A 3PDT MOM 2-3 5-6 8-9 **OFF** MOM 2-1 5-4 8-7 25° **S38** IR. (1) 15A 6A 15A 84 **S39** LR. 3PDT ON 2-3 5-6 8-9 OFF MOM 2-1 5-4 8-7 15A 15A 8A 25° 6A (COM) Throw & INTERNAL CONNECTION Note: Terminal numbers 3PDT Schematics: are on the switch.

- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.











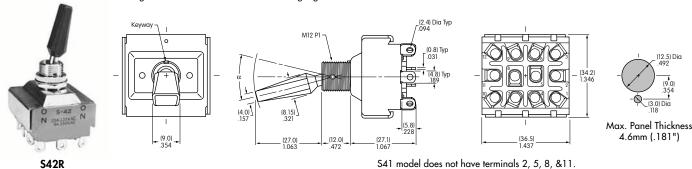
Max. Panel Thickness 4.6mm (.181")

**S32** 

S31 model does not have terminals 2, 5, & 8.

### FOUR POLE WITH SOLDER LUG \*See page Z1 for UL & CSA details **Toggle Position/Connected Terminals Electrical Capacity** Down Model Center Up Resistive Inductive Angle Pole & Suffix R= AC AC 125V DC Flatted Lever **Approvals** Throw 125V 250V 30V PF 0.6 Throw S41/S41R 4PST ON 1-3 4-6 7-9 10-12 NONE OFF 25A 9A 20A 25° \*12. 10A S42/S42R \**U*R<sub>6</sub> 4PDT ON 2-3 5-6 8-9 11-12 NONE ON 2-1 5-4 8-7 11-10 25A 20A 25° **€** 9A 10A S43/S43R \**U*R<sub>6</sub> 4PDT ON 2-3 5-6 8-9 11-12 ON 2-1 5-4 8-7 11-10 25A 9A 20A 30° **⊕**\* OFF 10A **S45** IR. 4PDT ON 2-3 5-6 8-9 11-12 NONE MOM 2-1 5-4 8-7 11-10 15A 6A 20A A8 25° S48/S48R LR. 4PDT MOM 2-3 5-6 8-9 11-12 **OFF** MOM 2-1 5-4 8-7 11-10 15A 6A 20A A8 25° S49/S49R **OFF** 2-1 5-4 8-7 11-10 25° *U*R<sub>s</sub> 4PDT ON 2-3 5-6 8-9 11-12 MOM 15A 6A 20A A8 4PDT • 2 4PST (COM) 11 🥎 Throw & Note: Terminal numbers INTERNAL CONNECTION Schematics: are on the switch. 4 • • 6

- Standard Hardware: AT504 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
  - Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.

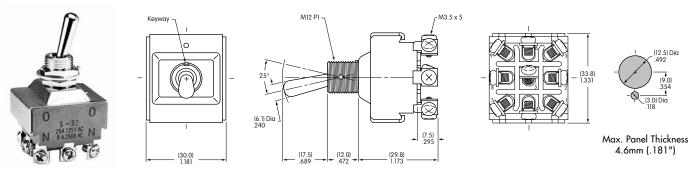


S41 model does not have terminals 2, 5, 8, &11.



					THREE PC	LE WI	TH S	SCREW LU	JG							
*See pag	je Z1 for	CSA	detail.		Toggle Positio	n/Conne	cted 1	Terminals				Elect	rical	Capacit	у	
					Down	Center		Up			R	esistiv	е	Indu	ctive	α = Angle
Model	Appro	vals	Pole & Throw		Keyway¬	Ţ		~			AC 125V	AC 250V	DC 30V	AC125V PF 0.6	AC250V PF 0.6	
S31T	_	<b>(\$P</b> *	3PST	ON	1-3 4-6 7-9	NONE	OFF		_		25A	9A	20A	10A	5A	25°
<b>S32T</b>	—	<b>(\$P</b> *	3PDT	ON	2-3 5-6 8-9	NONE	ON	2-1	5-4	8-7	25A	9A	20A	10A	5A	25°
S33T	-	<b>(1)</b>	3PDT	ON	2-3 5-6 8-9	OFF	ON	2-1	5-4	8-7	25A	9A	20A	10A	5A	30°
					1	hrow & S	chemo	ıtics:								
3PST	1.	3	4.	6 7	INTERNAL CONNECTION	31	PDT	2 0 3 4	5	(COA	Λ) • 8 	• 9	No		nal numb e switch.	ers are

• Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.

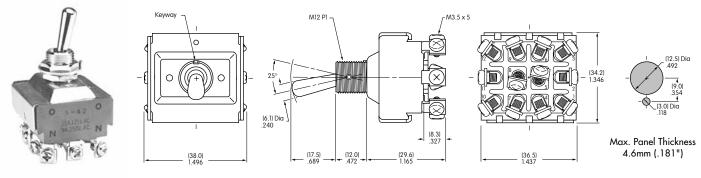


S31T model does not have terminals 2, 5, & 8. **S32T** 

### FOUR POLE WITH SCREW LUG **Toggle Position/Connected Terminals Electrical Capacity** \*See page Z1 for CSA detail. $\alpha =$ Down Center Up Resistive Inductive Angle of Pole & AC 125V AC125V AC250V AC DC Model **Approvals** Throw 30V 250V PF 0.6 Throw PF 0.6 NONE **S41T** (B) 4PST ON 1-3 4-6 7-9 10-12 OFF 9Α 20A 10A 5A 25° 2-1 5-4 8-7 11-10 **S42T (1)** 4PDT ON 2-3 5-6 8-9 11-12 NONE ON 25A 9A 20A 10A 5A 25° **S43T** (B) 4PDT ON 2-3 5-6 8-9 11-12 OFF ON 2-1 5-4 8-7 11-10 25A 9A 20A 5A 30° 10A



• Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S41T model does not have terminals 2, 5, 8, &11.

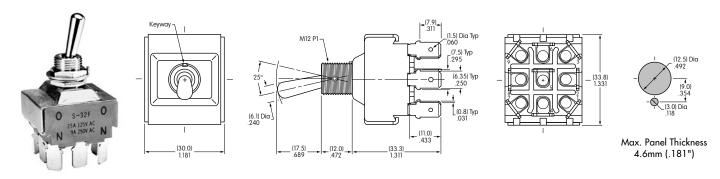




**S42F** 

					THREE PO	LE WITI	H QI	JICK C	ONNE	СТ				
*See pa	ge Z1 fo	r UL c	letail.		Toggle Position	on/Connec	ted Te	rminals			Electrica	l Capac	ity	
					Down	Center		Up			Resistive		Inductive	α = Angle
Model					Keyway¬	-		~	i	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw
S31F	* <i>LR</i> 。	<b>(1)</b>	3PST	ON	1-3 4-6 7-9	NONE	OFF		_	25A	9A	20A	10A	25°
<b>S32F</b>	* <i>U</i> R。	48	3PDT	ON	2-3 5-6 8-9	NONE	ON	2-1	5-4 8-7	25A	9A	20A	10A	25°
S33F	* <i>U</i> R。	48	3PDT	ON	2-3 5-6 8-9	OFF	ON	2-1	5-4 8-7	25A	9A	20A	10A	30°
Throv Schemat		PST		3 4	6 7 6 9	_INTERNAL CONNECTION	I	3PDT	9 2 • 3 4	5 (CC	OM) 9 8	Note:	Terminal num are on the sv	

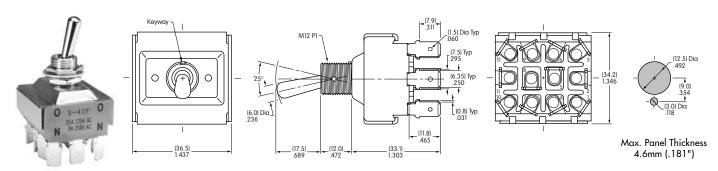
<sup>•</sup> Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S31F model does not have terminals 2, 5, & 8.

					FOUR POLE \	WITH QU	ICK C	CONNECT					
*See pag	ge Z1 foi	r UL c	letail.		Toggle Posit	ion/Connect	ed Term	ninals	E	lectric	al Co	apacity	
					Down	Center		Up	Re	sistive	!	Inductive	α = Angle
Model	Appro	vals	Pole & Throw		Keyway	-		~=	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	of Throw
<b>S41F</b>	* <i>U</i> R。	_	4PST	ON	1-3 4-6 7-9 10-12	NONE	OFF	_	25A	9A	20A	10A	25°
<b>S42F</b>	* <i>U</i> R。	_	4PDT	ON	2-3 5-6 8-9 11-12	NONE	ON	2-1 5-4 8-7 11-10	25A	9A	20A	10A	25°
S43F	* <i>U</i> R。	_	4PDT	ON	2-3 5-6 8-9 11-12	OFF	ON	2-1 5-4 8-7 11-10	25A	9A	20A	10A	30°
Throw & Schematic	4PST s: 1 •∕	Å	3 4 🗸	1	5 7 9 10 0	INTERNAL CONNECTION	4PDT	2 5 (COM) 3 4 6 7	9 8 • 9	11 •	• 12	nur	minal nbers on the tch.

<sup>•</sup> Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S41F model does not have terminals 2, 5, 8, &11.



### GENERAL SPECIFICATIONS FOR \$421 ~ \$429

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

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

### **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 for all other models

**Electrical Life:** 15,000 operations minimum **Angle of Throw** (α): Shown in tables on following pages

### **Materials & Finishes**

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

Case: Melamine phenol

Case Cover: Steel with chromate plating over 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 silver plating

### **Environmental Data**

Operating Temp Range: -10°C through +70°C (+14°F through +158°F)

### Installation

Mounting Torque: 2.94Nm (26 lb•in) for double nut

Maximum Panel Thickness: Shown beneath panel cutout in switch dimension drawings

**Soldering Time & Temperature:** 3 seconds @ 350°C or 5 seconds @ 270°C





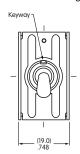


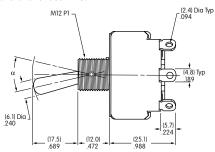
## **DOUBLE POLE WITH SOLDER LUG**

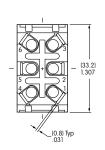
				To	oggle Positio	n/Connec	ted Termi	nals		Elect	rical Cap	acity		
			- 1 0		own	Center	ı	Up	Res	istive	Indu	ctive	Motor Load	α Ang
	Appr	ovals	Pole & Throw	Ney	Keyway-			<b>—</b>	AC 125V	AC 250V	PF 0.7 AC 125V		AC 125V	Thr
421 —		_	DPST	ON	1-3 4-6	NONE	OFF	_	25A	25A	25A	25A	750W	2
<b>S422</b>	l —	_	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	25A	25A	25A	750W	2
5423	l —	_	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	25A	25A	25A	750W	2
425	_	_	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	15A	15A	15A	400W	2
5428	_	_	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	15A	15A	400W	2
5429	_	_	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	1 <i>5</i> A	15A	400W	2

- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.











Max. Panel Thickness 4.7mm (.185")

**S422** 

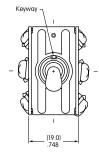
S421 model does not have terminals 2 & 5.

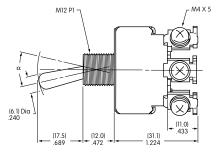
## **DOUBLE POLE WITH SCREW LUG**

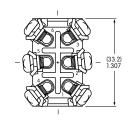
					<b>Toggle Posit</b>	ion/Connec	ed Termino	als		Elect	rical Cap	acity		
			Pole &		Down	Center		Up	Res	istive	Indu	ctive	Motor Load	α =
Model	I Approvals Throw		Throw	Keyway				<b>*</b>	AC 125V	AC 250V	PF 0.7 AC 125V		AC 125V	of Throv
S421T	_	_	DPST	ON	1-3 4-6	NONE	OFF	_	20A	20A	20A	20A	750W	24°
S422T	_	_	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	20A	20A	20A	20A	750W	24°
5423T	_	_	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	20A	20A	20A	20A	750W	28°
5425T	_	_	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	15A	15A	1 <i>5</i> A	400W	24°
S428T	—	_	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	15A	15A	400W	24°
S429T	_	_	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	1 <i>5</i> A	15A	400W	24°
Thro Schemo		DP	ST 1	<b>A</b> 3 4		ernal Nnection	DPDT	9 2 IC	OM) 5 (	• 6	Note:	Terminal on the sw	numbers o	are

• Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.











Max. Panel Thickness 4.7mm (.185")

**S423T** 

S421T model does not have terminals 2 & 5.