

GENERAL SPECIFICATIONS FOR S301 ~ S339

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:** 15,000 operations minimum for S331s; 25,000 operations minimum for all others
- Angle of Throw (α):** Shown on following tables













Materials & Finishes

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

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals				Electrical Capacity				Angle of Throw	
			Down 	Center 	Up 	Resistive			Inductive			
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6			
S301	 	SPST	ON	1-3	NONE	OFF	—	15A	6A	20A	10A	32°
S302	 	SPDT	ON	2-3	NONE	ON	2-1	15A	6A	20A	10A	32°
S303	 	SPDT	ON	2-3	OFF	ON	2-1	15A	6A	20A	10A	32°
S305	— 	SPDT	ON	2-3	NONE	MOM	2-1	15A	6A	20A	8A	32°
S308	— 	SPDT	MOM	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°
S309	— 	SPDT	ON	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°

Throw & Schematics:

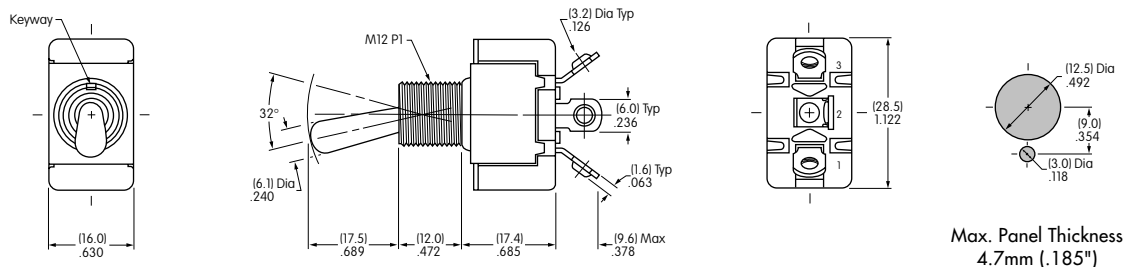


Note Terminal numbers are on the switch.

- 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.
















S301



Max. Panel Thickness
4.7mm (.185")

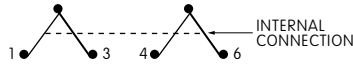
S301 model does not have terminal 2.

DOUBLE POLE WITH SOLDER LUG

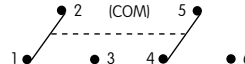
Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S331	 	DPST	ON	1-3 4-6	NONE	OFF	—	25A	25A	25A	10A	25°	
S332	 	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	15A	25A	10A	25°	
S333	 	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	15A	25A	10A	30°	
S335	 	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	6A	20A	8A	25°	
S338		DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	
S339		DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	

Throw & Schematics:

DPST



DPDT

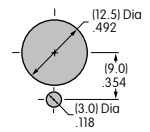
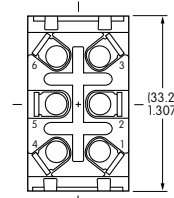
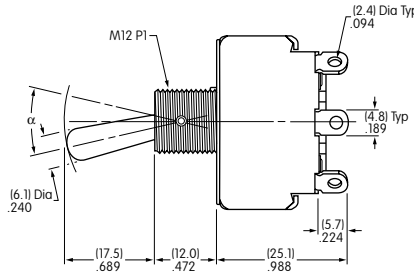
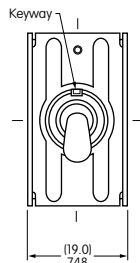


Note: Terminal numbers are on the switch.

- 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 12-gauge solid or stranded wire.











S331



Max. Panel Thickness 4.7mm (.185")

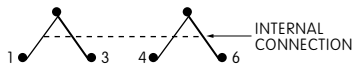
S331 model does not have terminals 2 & 5.

DOUBLE POLE WITH SOLDER LUG & FLATTED LEVER

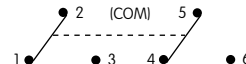
Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S331R	 —	DPST	ON	1-3 4-6	NONE	OFF	—	25A	25A	25A	10A	25°	
S332R	 —	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	15A	25A	10A	25°	
S333R	 —	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	15A	25A	10A	30°	
S338R	 —	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	
S339R	 —	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	

Throw & Schematics:

DPST



DPDT

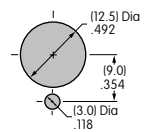
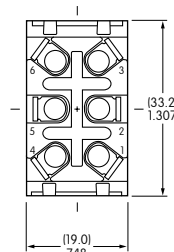
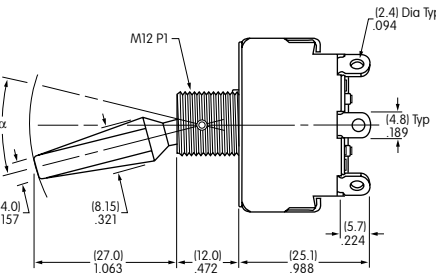
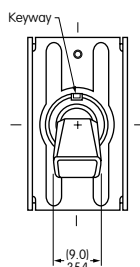


Note: Terminal numbers are on the switch.

- 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.















S331R



Max. Panel Thickness 4.7mm (.185")

S331R model does not have terminals 2 & 5.

SINGLE POLE WITH SCREW LUG

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S301T	 	SPST	ON	1-3	NONE	OFF	—	15A	6A	20A	10A	32°	
S302T	 	SPDT	ON	2-3	NONE	ON	2-1	15A	6A	20A	10A	32°	
S303T	 	SPDT	ON	2-3	OFF	ON	2-1	15A	6A	20A	10A	32°	
S305T	— 	SPDT	ON	2-3	NONE	MOM	2-1	15A	6A	20A	8A	32°	
S308T	— 	SPDT	MOM	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°	
S309T	— 	SPDT	ON	2-3	OFF	MOM	2-1	15A	6A	20A	8A	32°	

Throw & Schematics:

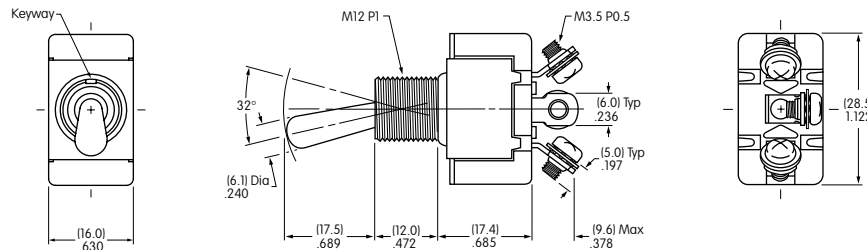


Note: Terminal numbers are on the switch.

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












S301T



S301T model does not have terminal 2.

DOUBLE POLE WITH SCREW LUG

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S331T	 —	DPST	ON	1-3 4-6	NONE	OFF	—	15A	15A	15A	10A	25°	
S332T	 —	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	15A	15A	15A	10A	25°	
S333T	 —	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	15A	15A	15A	10A	30°	
S335T	 —	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	6A	20A	8A	25°	
S338T	 —	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	
S339T	 —	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	6A	20A	8A	25°	

Throw & Schematics:

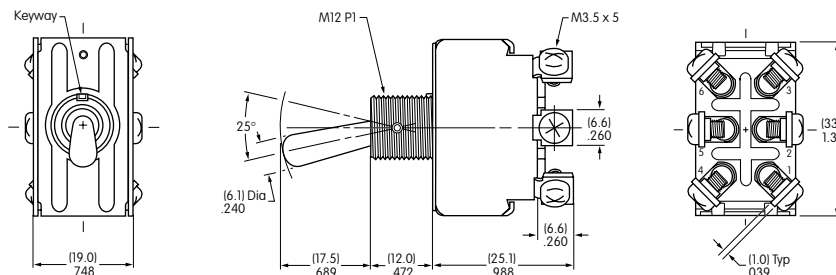


Note: Terminal numbers are on the switch.

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








S331T



S331T model does not have terminals 2 & 5.

SINGLE POLE WITH QUICK CONNECT

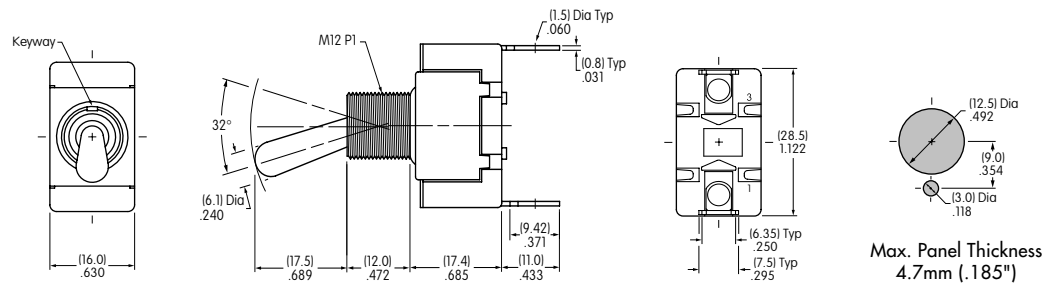
Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity				Angle of Throw
			Down Keyway	Center	Up	Resistive			Inductive	
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	
S301F	— 	SPST	 ON 1-3	NONE	 OFF —	15A	6A	20A	10A	32°

Throw & Schematics: SPST  INTERNAL CONNECTION  Note: Terminal numbers are on the switch.

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















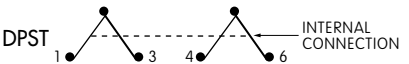
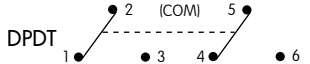
S301F



S301F model does not have terminal 2.

DOUBLE POLE WITH QUICK CONNECT

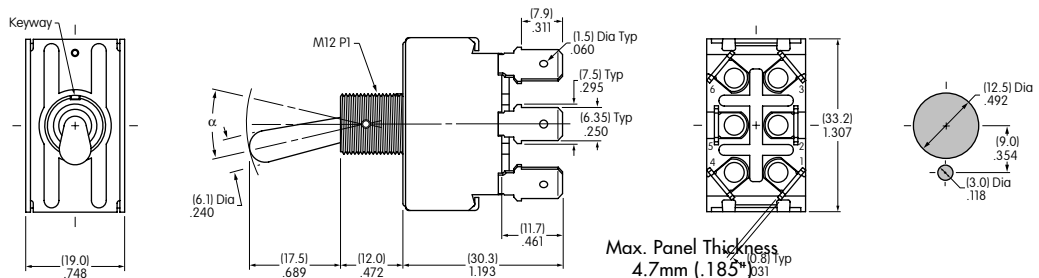
Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity				α = Angle of Throw
			Down Keyway	Center	Up	Resistive			Inductive	
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	
S331F	 —	DPST	 ON 1-3 4-6	NONE	 OFF —	25A	25A	25A	10A	25°
S332F		DPDT	 ON 2-3 5-6	NONE	 ON 2-1 5-4	25A	15A	25A	10A	25°
S333F		DPDT	 ON 2-3 5-6	OFF	 ON 2-1 5-4	25A	15A	25A	10A	30°
S335F		DPDT	 ON 2-3 5-6	NONE	 MOM 2-1 5-4	15A	6A	20A	8A	25°

Throw & Schematics: DPST  INTERNAL CONNECTION  Note: Terminal numbers are 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 (α):	Shown on following tables

Materials & Finishes

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

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
			Down Keyway	Center	Up		Resistive			Inductive AC 125V PF 0.6			
							AC 125V	AC 250V	DC 30V				
S31	UL*	3PST	ON	1-3 4-6 7-9	NONE	OFF	—	25A	9A	20A	10A	25°	
S32	UL*	3PDT	ON	2-3 5-6 8-9	NONE	ON	2-1 5-4 8-7	25A	9A	20A	10A	25°	
S33	UL*	3PDT	ON	2-3 5-6 8-9	OFF	ON	2-1 5-4 8-7	25A	9A	20A	10A	30°	
S35	UL*	3PDT	ON	2-3 5-6 8-9	NONE	MOM	2-1 5-4 8-7	15A	6A	20A	8A	25°	
S38	UL*	3PDT	MOM	2-3 5-6 8-9	OFF	MOM	2-1 5-4 8-7	15A	6A	15A	8A	25°	
S39	UL*	3PDT	ON	2-3 5-6 8-9	OFF	MOM	2-1 5-4 8-7	15A	6A	15A	8A	25°	

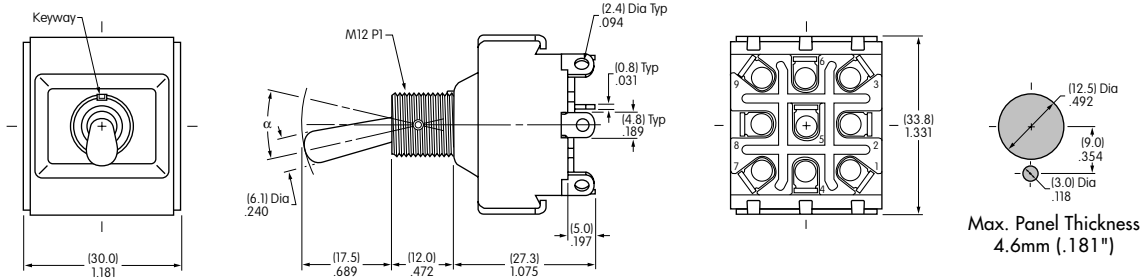
Throw & Schematics: 3PST INTERNAL CONNECTION 3PDT (COM)

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 12-gauge solid or stranded wire.



S32



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

FOUR POLE WITH SOLDER LUG

*See page Z1 for UL & CSA details.

Model Suffix R= Flatted Lever	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
			Down Keyway	Center	Up		Resistive			Inductive AC 125V PF 0.6			
							AC 125V	AC 250V	DC 30V				
S41/S41R	UL*	4PST	ON	1-3 4-6 7-9 10-12	NONE	OFF	—	25A	9A	20A	10A	25°	
S42/S42R	UL*	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°	
S43/S43R	UL*	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°	
S45	UL*	4PDT	ON	2-3 5-6 8-9 11-12	NONE	MOM	2-1 5-4 8-7 11-10	15A	6A	20A	8A	25°	
S48/S48R	UL*	4PDT	MOM	2-3 5-6 8-9 11-12	OFF	MOM	2-1 5-4 8-7 11-10	15A	6A	20A	8A	25°	
S49/S49R	UL*	4PDT	ON	2-3 5-6 8-9 11-12	OFF	MOM	2-1 5-4 8-7 11-10	15A	6A	20A	8A	25°	

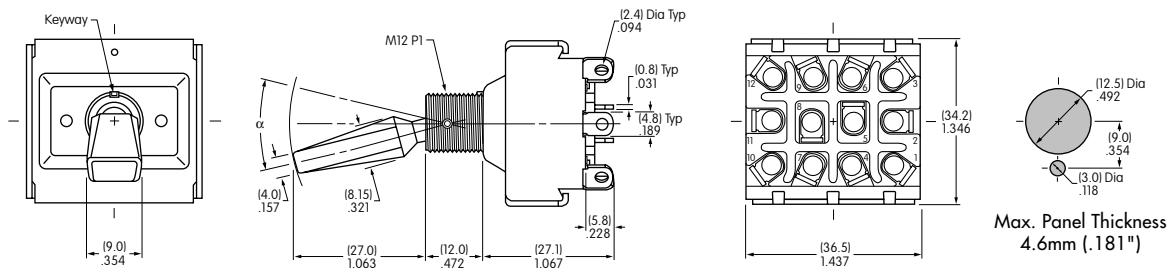
Throw & Schematics: 4PST INTERNAL CONNECTION 4PDT (COM)

Note: Terminal numbers are on the switch.

- 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.






S42R



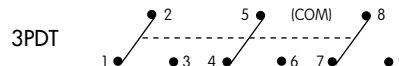
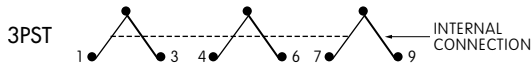
S41 model does not have terminals 2, 5, 8, & 11.

THREE POLE WITH SCREW LUG

*See page Z1 for CSA detail.

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity					α = Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive					
						AC 125V	AC 250V	DC 30V	AC125V PF 0.6	AC250V PF 0.6				
S31T	—	Ⓢ*	3PST	ON	1-3 4-6 7-9	NONE	OFF	—	25A	9A	20A	10A	5A	25°
S32T	—	Ⓢ*	3PDT	ON	2-3 5-6 8-9	NONE	ON	2-1 5-4 8-7	25A	9A	20A	10A	5A	25°
S33T	—	Ⓢ*	3PDT	ON	2-3 5-6 8-9	OFF	ON	2-1 5-4 8-7	25A	9A	20A	10A	5A	30°

Throw & Schematics:

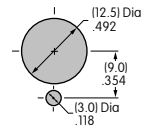
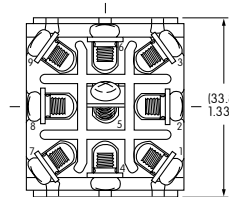
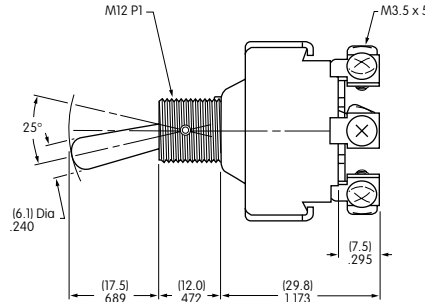
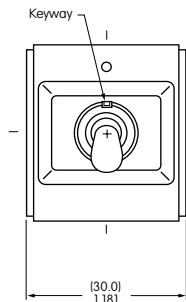


Note: Terminal numbers are on the switch.

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



S32T






Max. Panel Thickness
4.6mm (.181")

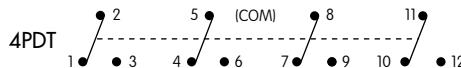
S31T model does not have terminals 2, 5, & 8.

FOUR POLE WITH SCREW LUG

*See page Z1 for CSA detail.

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals						Electrical Capacity					α = Angle of Throw
			Down 	Center 	Up 	Resistive			Inductive					
						AC 125V	AC 250V	DC 30V	AC125V PF 0.6	AC250V PF 0.6				
S41T	—	Ⓢ*	4PST	ON	1-3 4-6 7-9 10-12	NONE	OFF	—	25A	9A	20A	10A	5A	25°
S42T	—	Ⓢ*	4PDT	ON	2-3 5-6 8-9 11-12	NONE	ON	2-1 5-4 8-7 11-10	25A	9A	20A	10A	5A	25°
S43T	—	Ⓢ*	4PDT	ON	2-3 5-6 8-9 11-12	OFF	ON	2-1 5-4 8-7 11-10	25A	9A	20A	10A	5A	30°

Throw & Schematics:

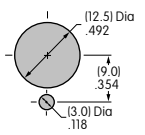
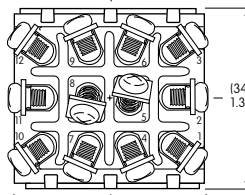
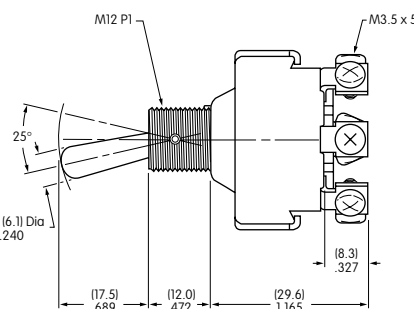
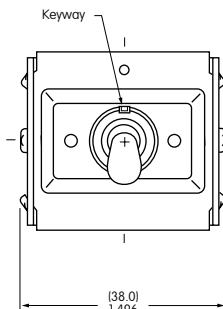


Note: Terminal numbers are on the switch.

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



S42T



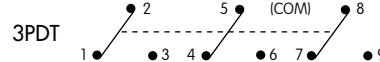
Max. Panel Thickness
4.6mm (.181")

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

THREE POLE WITH QUICK CONNECT

*See page Z1 for UL detail.			Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
Model	Approvals	Pole & Throw	Down Keyway	Center	Up	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S31F	UL*	3PST	ON	1-3 4-6 7-9	NONE	OFF	—	25A	9A	20A	10A	25°	
S32F	UL*	3PDT	ON	2-3 5-6 8-9	NONE	ON	2-1 5-4 8-7	25A	9A	20A	10A	25°	
S33F	UL*	3PDT	ON	2-3 5-6 8-9	OFF	ON	2-1 5-4 8-7	25A	9A	20A	10A	30°	

Throw & Schematics:

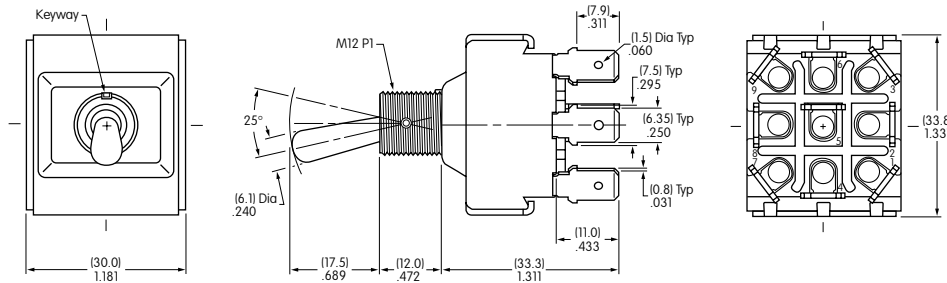


Note: Terminal numbers are on the switch.

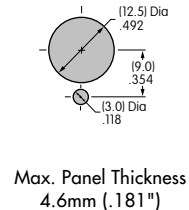
• Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S32F



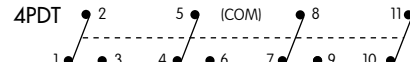
S31F model does not have terminals 2, 5, & 8.



FOUR POLE WITH QUICK CONNECT

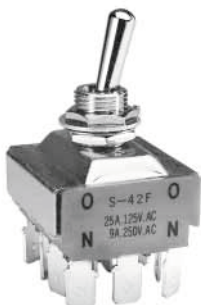
*See page Z1 for UL detail.			Toggle Position/Connected Terminals						Electrical Capacity				α = Angle of Throw
Model	Approvals	Pole & Throw	Down Keyway	Center	Up	Resistive			Inductive				
						AC 125V	AC 250V	DC 30V	AC 125V PF 0.6				
S41F	UL*	4PST	ON	1-3 4-6 7-9 10-12	NONE	OFF	—	25A	9A	20A	10A	25°	
S42F	UL*	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	UL*	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 & Schematics:

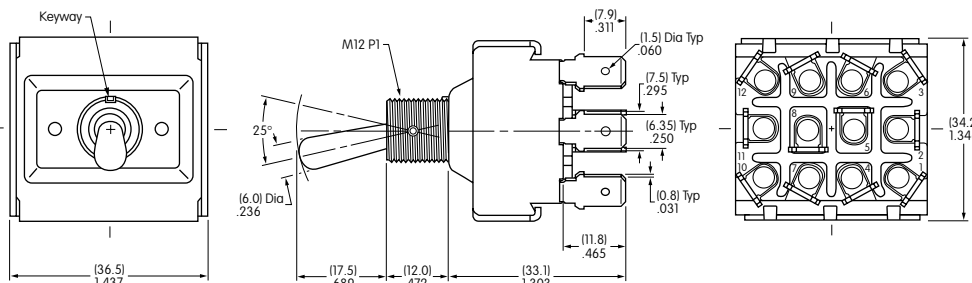


Note: Terminal numbers are on the switch.

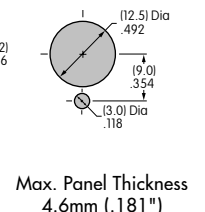
• Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S42F



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



GENERAL SPECIFICATIONS FOR S421 ~ S429**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

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity				Motor Load AC 125V	α = Angle of Throw		
			Down 	Center 	Up 	Resistive		Inductive					
						AC 125V	AC 250V	AC 125V	AC 250V				
S421	—	DPST	ON	1-3 4-6	NONE	OFF	—	25A	25A	25A	25A	750W	24°
S422	—	DPDT	ON	2-3 5-6	NONE	ON	2-1 5-4	25A	25A	25A	25A	750W	24°
S423	—	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	25A	25A	25A	25A	750W	28°
S425	—	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	15A	15A	15A	400W	24°
S428	—	DPDT	MOM	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	15A	15A	400W	24°
S429	—	DPDT	ON	2-3 5-6	OFF	MOM	2-1 5-4	15A	15A	15A	15A	400W	24°

Throw & Schematics:

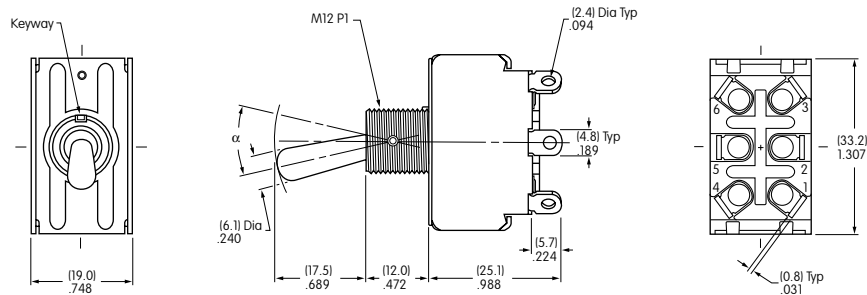


Note: Terminal numbers are on the switch.

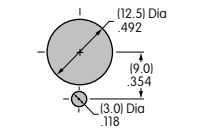
- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.
- Solder lug terminal hole accommodates one 12-gauge solid or stranded wire.



S422






S421 model does not have terminals 2 & 5.



Max. Panel Thickness 4.7mm (.185")

DOUBLE POLE WITH SCREW LUG

Model	Approvals	Pole & Throw	Toggle Position/Connected Terminals			Electrical Capacity				Motor Load AC 125V	α = Angle of Throw		
			Down 	Center 	Up 	Resistive		Inductive					
						AC 125V	AC 250V	AC 125V	AC 250V				
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°
S423T	—	DPDT	ON	2-3 5-6	OFF	ON	2-1 5-4	20A	20A	20A	20A	750W	28°
S425T	—	DPDT	ON	2-3 5-6	NONE	MOM	2-1 5-4	15A	15A	15A	15A	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	15A	15A	400W	24°

Throw & Schematics:

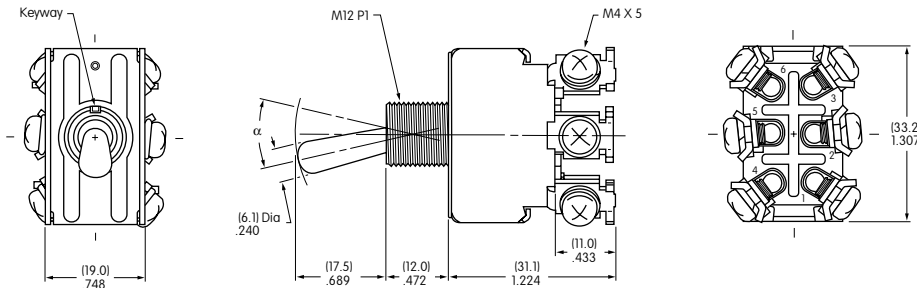


Note: Terminal numbers are on the switch.

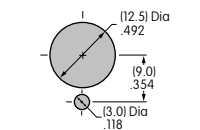
- Standard Hardware: AT503 Face Hex Nut, AT506 Locking Ring, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section.



S423T



S421T model does not have terminals 2 & 5.



Max. Panel Thickness 4.7mm (.185")