

## MICRO SWITCH™ Commercial-Grade Toggle Switches

AT Series

005435

Issue 1

Datasheet



### DESCRIPTION

Honeywell's MICRO SWITCH™ AT toggle switches provide a compact multi-pole toggle switch with a long history of successful performance, exceeding 50 years. The AT Toggle Switch Series is available as a 1-, 2-, 3-, 4-, 6-, 8-, or 10-pole design for a wide range of applications with a metal toggle lever, metal bushing, and metal housing for durability. Select AT Series are qualified to MIL-PRF-8805 for military applications. For applications which do not require a military approved switch, there are other AT Series switches for commercial and industrial applications.

Options for the AT Series include panel seals and lever-to-bushing seals. These options enhance product performance where environments of dust or water spray could be present in the application. Complementing the product offering, MICRO SWITCH™ AT toggle switch assemblies are available with individual poles (basic switches) which are UL, CSA, and CE certified.

### VALUE TO CUSTOMERS

- Multi-pole, multi-throw circuitry (up to 10 pole) for controlling independent circuits or providing redundant circuit capability
- Flexible insulators between poles minimize electrical bridging
- MIL-PRF-8805 qualified switches
- Reduces service costs
- Extends equipment life
- Front of panel sealing available

### DIFFERENTIATION

- Only manufacturer with 10-pole circuitry
- Utilizes proven and reliable snap-action switch design

### FEATURES

- Assemblies available as MIL-PRF-8805 qualified or the individual basic switches with UL, CSA, and CE certification
- 2- or 3-position, momentary and maintained action
- Up to 10 SPDT precision basic switches
- Short behind-panel depth
- Choice of 1/4- or 15/32-inch bushings
- Silver or gold contacts
- Lever lock options
- Toggle lever and panel seal options
- Electrical connections: screw, solder, quick connect (blade), and preleaded

### POTENTIAL APPLICATIONS

- Aircraft (commercial and military)
- Military ground vehicles
- Flight controls
- Vehicle panel controls

### PORTFOLIO

Honeywell offers six series of MICRO SWITCH™ toggle switches including the [TL Series](#), [NT Series](#), [TS Series](#), [TW Series](#), and [ET Series](#).

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

Table 1. Specifications

Characteristic	Parameter
Description	Commercial-grade toggle switch; military-qualified toggle switches available
Actuators	Standard lever, locking lever, tab lever, special lever
Lever action	2- or 3-position with maintained or momentary action
Mounting	Panel mount threaded bushing; Ø 1/4 in [0.25] or 15/32 in [0.47]
Bushing	Ø 1/4 in [0.25 in] bushing 1-, 2-, or 3-single pole double throw (SPDT) basics; Ø15/32 in [0.47 in] bushing 2-, 4-, 6-, 8-, or 10-single pole double throw (SPDT) basics
Termination	Solder thru-hole; solder single turret; solder double turret; screw; quick-connect blade; pre-leaded
Contact material	Silver alloy or gold-plated silver alloy
Electrical rating	30 Vdc; 125 Vac; 250 Vac (See Tables 2 & 3)
Electrical endurance (commercial grade)	6,000 cycles min.
Electrical endurance (military qualified)	25,000 cycles min.
Sealing	Unsealed; lever-to-bushing seal; panel seal & lever-to-bushing seal
Operating temperature	-55 °C to 85 °C [-67 °F to 185 °F]
Approvals	Available as MIL-PRF-8805; or UL, CSA, CE [individual basic switches] Select catalog listings with FAA-PMA

Table 2. 6AT/13AT/23AT Series with MICRO SWITCH™ SM type basic switch electrical ratings (amps)














Supply voltage (contact material)	UL/CSA/CE rating for SM basic switch	Sea Level			Altitude 50,000 ft		
		Inrush @ 30 Vdc [max.]	Resistive	Inductive	Inrush @ 30 Vdc max.	Resistive	Inductive
30 Vdc (silver contacts)	–	24	5	3	24	5	2.5
30 Vdc (gold contacts)	–	2	1	0.5	2	1	0.5
125 Vac, UL/CSA 250 Vac, CE (gold contacts)	1	–	–	–	–	–	–
250 Vac (silver contacts)	5	–	–	–	–	–	–

Table 3. 60AT Series with MICRO SWITCH™ SX type basic switch electrical ratings (amps)

Supply voltage (contact material)	UL/CSA/CE rating for SX basic switch	Sea Level		Altitude 50,000 ft	
		Resistive	Inductive	Resistive	Inductive
28 Vdc (silver contacts)	–	7	4	4	2.5
115 Vac, 60 Hz (silver contacts)	–	7	7	–	–
250 Vac (silver contacts)	7	–	–	–	–

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

Figure 1. MICRO SWITCH™ AT Series Locking Configurations

 <p>Locked In Three Positions</p>	 <p>Locked In Center and Extreme Position (Keyway Side)</p>	 <p>Locked Out Of Center Position</p>	 <p>Locked In Center Position</p>	 <p>Locked In Extreme Position (Opposite Keyway)</p>	 <p>Locked In Extreme Position (Keyway Side)</p>	 <p>Locked Out Of Center And Extreme Position (Keyway Side)</p>
 <p>Locked Out Of Center And Extreme Position (Opposite Keyway)</p>	 <p>Locked In Center And Extreme Position (Opposite Keyway)</p>	 <p>Locked Out Of Extreme Position (Keyway Side)</p>	 <p>Locked Out Of And Into Extreme Position (Opposite Keyway)</p>	 <p>Locked Out Of Extreme Position (Opposite Keyway)</p>	 <p>Locked Out Of And Into Extreme Position (Keyway Side)</p>	

## TERMINAL CIRCUIT IDENTIFICATION (BOTTOM VIEW)

Terminal markings (electrical connections) are identified in the order guide section with a C (for common), NC (for normally closed), and NO (for normally open). In addition, the poles (basic switches) of the AT toggle switch are identified with a number marked on the end of the basic switch (i.e. a four pole switch will have each pole (basic switch) marked 1, 2, 3, or 4 on the end of each basic switch.

Figure 2. 6AT Series with 1PDT, 2PDT, or 3PDT

	1-Pole	2-Pole	3-Pole
Key tab or keyway	C • NO • NC	C • NO • NC	C • NO • NC
		C • NO • NC	C • NO • NC
			C • NO • NC

Figure 3. 13AT Series with 2PDT, 3PDT, or 4PDT

	2-Pole	3-Pole	4-Pole
Keyway	2 C • NO • NC	3 NC • NO • C	4 NC • NO • C
	1 NC • NO • C	2 C • NO • NC	3 C • NO • NC
		1 NC • NO • C	2 C • NO • NC
			1 NC • NO • C

Figure 4. 23AT Series with 2PDT, 3PDT, or 4PDT

	2-Pole	3-Pole	4-Pole
Keyway	C • NO • NC	C • NO • NC	C • NO • NC
	C • NO • NC	C • NO • NC	C • NO • NC
		C • NO • NC	C • NO • NC
			C • NO • NC

Figure 5. 62AT Series (2PDT)

	2-Pole
Keyway	1 NC • NO • C
	2 NC • NO • C

Figure 6. 64AT Series (4PDT)

Keyway	1 NC • NO • C	3 C • NO • NC
	2 NC • NO • C	4 C • NO • NC

Figure 7. 66AT Series (6PDT)

Keyway	1 NC • NO • C	4 C • NO • NC
	2 NC • NO • C	5 C • NO • NC
	3 NC • NO • C	6 C • NO • NC

Figure 8. 68AT Series (8PDT)

Keyway	1 NC • NO • C	5 C • NO • NC
	2 NC • NO • C	6 C • NO • NC
	3 NC • NO • C	7 C • NO • NC
	4 NC • NO • C	8 C • NO • NC

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 13AT SERIES THREE-POSITION ORDER GUIDE

Table 4. Three-Position 13AT Series

No. of Poles/ Basic Switches	Toggle Lever Position			Contact Material	Standard Lever	Metal Tab Lever	Pull-to-unlock Lever	Lever-Lock Suffix <sup>1</sup>
	Keyway	Center	Opposite Keyway		Solder Termination No Suffix (thru-hole), -T Suffix (turrent), -T2 Suffix (double turrent)	Solder Termination with -T2 Suffix (double turrent)	Add Lever Lock Suffix to Cat. Listing Below	
2	Pole 1, C-NC Pole 2, C-NO	Both Poles, C-NC	Pole 1, C-NO Pole 2, C-NC	Silver	<b>13AT2, 13AT2-T</b>	<b>13AT402-T2</b>	<b>13AT2-</b>	All lever lock types
2	Pole 1, C-NC Pole 2, C-NO	Both Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC	Silver	<b>13AT3</b>	–	–	Lever lock types <b>E, G, B, L, N, or P</b>
2	Pole 1*, C-NC Pole 2*, C-NO	Both Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC	Silver	<b>13AT1, 13AT1-T</b>	<b>13AT401-T2</b>	<b>13AT1-</b>	Lever lock types <b>E, L, or N</b>
2	Pole 1*, C-NC Pole 2*, C-NO	Both Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC	Gold	<b>13AT26</b>	–	–	Lever lock types <b>E, L, or N</b>
4	Pole 1, C-NC Pole 2, C-NO Pole 3, C-NO Pole 4, C-NC	All Poles, C-NC	Pole 1, C-NO Pole 2, C-NC Pole 3, C-NC Pole 4, C-NO	Silver	<b>13AT9-T2</b>	–	<b>13AT9-</b>	All lever lock types
4	Pole 1, C-NC Pole 2, C-NO Pole 3, C-NO Pole 4, C-NC	All Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC Pole 3*, C-NC Pole 4*, C-NO	Silver	<b>13AT10</b>	–	–	Lever lock types <b>E, G, B, L, N, or P</b>
4	Pole 1*, C-NC Pole 2*, C-NO Pole 3*, C-NO Pole 4*, C-NC	All Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC Pole 3*, C-NC Pole 4*, C-NO	Silver	<b>13AT8</b>	–	<b>13AT8-</b>	Lever lock types <b>E, L, or N</b>

\* These positions are momentary. All other positions are maintained

C = Common Terminal; NC = Normally Closed Terminal; NO = Normally Open Terminal

<sup>1</sup> See page 3 for lever lock configurations

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 13AT SERIES THREE-POSITION ORDER GUIDE

Table 5. Three-Position MIL-PRF-8805 13AT Catalog listings

No. of Poles/ Basic Switches	Toggle Lever Position			Contact Material	Standard Lever Solder Termination -T2 Suffix (double turrent)		Metal Tab Lever Solder Termination -T2 Suffix (double turrent)		Pull-to-Unlock Lever <sup>1</sup>	
	Keyway	Center	Opposite Keyway		Catalog Listing	Military Part Number	Catalog Listing	Military Part Number	Catalog Listing	Military Part Number
2	Pole 1, C-NC Pole 2, C-NO	Both Poles, C-NC	Pole 1, C-NO Pole 2, C-NC	Silver	13AT272-T2	M8805/26-007	-	-	13AT272-T2-A 13AT272-T2-M	M8805/92-006 M8805/92-014
2	Pole 1, C-NC Pole 2, C-NO	Both Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC	Silver	13AT273-T2	M8805/26-009	-	-	-	-
2	Pole 1*, C-NC Pole 2*, C-NO	Both Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC	Silver	13AT271-T2	M8805/26-005	13AT471-T2	M8805/26-006	13AT271-T2-E	M8805/92-005
3	Pole 1, C-NC Pole 2, C-NO Pole 3, C-NC	All Poles, C-NC	Pole 1*, C-NO Pole 2*, C-NC Pole 3*, C-NO	Silver	13AT275-T2	M8805/26-013	13AT475-T2	M8805/26-014	-	-

\* These positions are momentary. All other positions are maintained

C = Common Terminal; NC = Normally Closed Terminal; NO = Normally Open Terminal

<sup>1</sup>See page 3 for lever lock configurations

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 23AT SERIES TWO-POSITION ORDER GUIDE

Table 6. Two-Position 23AT Series

No. of Poles/ Basic Switches	Toggle Lever Position		Contact Material	Standard Lever	Metal Tab Lever	Pull-to-unlock Lever	Lever-lock Suffix <sup>1</sup>
	Keyway	Opposite Keyway		Solder Termination No Suffix (thru-hole), -T2 Suffix (double turrent)	Solder Termination with -T2 Suffix (double turrent)	Add Lever Lock Suffix to Cat. Listing below	
2	C-NO ea Pole	C-NC ea Pole	Silver	23AT1, 23AT1-T2	23AT402-T2	23AT1-	D, F, or G
2	C-NO ea Pole	C-NC ea Pole	Gold	23AT11, 23AT11-T2	–	23AT1-	D, F, or G
2	C-NO ea Pole*	C-NC ea Pole	Silver	23AT4, 23AT4-T2	23AT403-T2	–	–
2	C-NO ea Pole*	C-NC ea Pole	Gold	23AT19	–	–	–
3	C-NO ea Pole	C-NC ea Pole	Silver	23AT2, 23 AT2-T2	–	23AT2-	D, F, or G
3	C-NO ea Pole*	C-NC ea Pole	Silver	23AT5	–	–	–
4	C-NO ea Pole	C-NC ea Pole	Silver	23AT3, 23AT-T2	–	23AT3-	D, F, or G
4	C-NO ea Pole	C-NC ea Pole	Gold	23AT8	–	–	–
4	C-NO ea Pole*	C-NC ea Pole	Silver	23AT6, 23AT6-T2	–	–	–

\* These positions are momentary. All other positions are maintained

<sup>1</sup> See page 3 for lever lock configurations

## 23AT SERIES TWO-POSITION ORDER GUIDE

Table 7. Two-Position MIL-PRF-8805 23AT Catalog listings

No. of Poles/ Basic Switches	Toggle Lever Position		Contact Material	Standard Lever Solder Termination -T2 Suffix (double turrent)		Metal Tab Lever Solder Termination -T2 Suffix (double turrent)		Pull-to-Unlock Lever <sup>1</sup>	
	Keyway	Opposite Keyway		Catalog Listing	Military Part Number	Catalog Listing	Military Part Number	Catalog Listing	Military Part Number
2	C-NO ea Pole	C-NC ea Pole	Silver	23AT73-T2	M8805/26-001	23AT473-T2	M8805/26-003	23AT73-T2-D	M8805/92-001
4	C-NO ea Pole	C-NC ea Pole	Silver	23AT74-T2	M8805/26-002	–	–	23AT74-T2-D	M8805/92-002
4	C-NO ea Pole	C-NC ea Pole	Silver	–	–	–	–	23AT74-T2-G	M8805/92-004

\* These positions are momentary. All other positions are maintained

<sup>1</sup> See page 3 for lever lock configurations

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 6AT SERIES TWO-POSITION ORDER GUIDE

Table 8. Two-Position 6AT Series

Bushing Size	No. of Poles/ Basic Switches	Toggle Lever Position		Contact Material	Standard Lever
		Keyway	Opposite Keyway		Solder Termination No Suffix (thru-hole), -T Suffix (turrent)
1/4 (0.25) inch Ø bushing with key tab	1	C-NO	C-NC	Silver	6AT2; 6AT2-T
	1	C-NO	C-NC	Gold	6AT23
	2	C-NO ea Pole	C-NC ea Pole	Silver	6AT3; 6AT3-T
	2	C-NO ea Pole	C-NC ea Pole	Gold	6AT13
	3	C-NO ea Pole	C-NC ea Pole	Silver	6AT501; 6AT501-T
1/4 (0.25) inch Ø bushing without key tab	1	C-NO	C-NC	Silver	6AT1; 6AT1-T
	2	C-NO	C-NC	Silver	6AT4
15/32 (0.47) inch Ø bushing with key washer	1	C-NO	C-NC	Silver	6AT6
	1	C-NO	C-NC	Gold	6AT17
	2	C-NO ea Pole	C-NC ea Pole	Silver	6AT7
	2	C-NO ea Pole	C-NC ea Pole	Gold	6AT42
	3	C-NO ea Pole	C-NC ea Pole	Silver	6AT10; 6AT10-T

\* These positions are momentary. All other positions are maintained

## 60AT SERIES TWO-POSITION ORDER GUIDE

Table 9. Two-Position 60AT Series

No. of Poles/ Basic Switches	Toggle Lever Position		Standard Lever	Standard Lever	Pull-to-unlock Lever <sup>1</sup>
	Keyway	Opposite Keyway	Mil-S-6743 Basic Switches	MIL-PRF-8805/4 Basic Switches	Add Lever Lock Suffix "Letter" to Cat. Listing
2	C-NC ea Pole	C-NO ea Pole	62AT11-3	62AT22-3	D, G
2	C-NC ea Pole	C-NO ea Pole*	-	62AT22-82	G
4	C-NC Pole 1,2; C-NO Pole 3,4	C-NC Pole 3,4; C-NO Pole 1,2	64AT11-3	64AT22-3	D, F, G
6	C-NC Pole 1,2,3; C-NO Pole 4,5,6	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT11-3	66AT22-3	D, F, G
8	C-NC Pole 1,2,3,4; C-NO Pole 5,6,7,8	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	-	68AT22-3	D, F, G

\* These positions are momentary. All other positions are maintained

<sup>1</sup>See page 3 for lever lock configurations

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 60AT SERIES TWO-POSITION ORDER GUIDE

Table 10. Two-position 60AT Series per MIL-PRF-8805/98 (with Bushing and Panel Seals)

	Toggle Lever Position		Standard Lever	Standard Lever	Pull-to-Unlock Lever <sup>1</sup>	Pull-to-Unlock Lever <sup>1</sup>
No. of Poles/ Basic Switches	Keyway	Opposite Keyway	Catalog Listing	Military Number	Add Lever Lock Suffix "Letter" to Standard Lever TOGGLE Switch	Military Number
4	C-NC Pole 1,2; C-NO Pole 3,4	C-NC Pole 3,4; C-NO Pole 1,2	64AT300-3	M8805/98-015	D, F, G	M8805/98-**
6	C-NC Pole 1,2,3; C-NO Pole 4,5,6	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT300-3	M8805/98-046	D, F, G	M8805/98-**
8	C-NC Pole 1,2,3,4; C-NO Pole 5,6,7,8	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	68AT300-3	M8805/98-077	D, F, G	M8805/98-**

\*\* Add the appropriate 3 digit suffix to the military number

<sup>1</sup> See page 3 for lever lock configurations

## 60AT SERIES THREE-POSITION ORDER GUIDE

Table 11. Three-Position 60AT Series

	Toggle Lever Position			Standard Lever	Standard Lever	Pull-to-Inlock Lever <sup>1</sup>
No. of Poles/ Basic Switches	Keyway	Center	Opposite Keyway	Mil-S-6743 Basic Switches	MIL-PRF-8805/4 Basic Switches	Add Lever Lock Suffix Options to Cat. Listing
4	C-NC Pole 1,2; C-NO Pole 3,4	C-NC ea Pole	C-NC Pole 3,4; C-NO Pole 1,2	64AT11-1	64AT22-1	All lever lock options
4	C-NC Pole 1,2,* C-NO Pole 3,4*	C-NC ea Pole	C-NC Pole 3,4; C-NO Pole 1,2	64AT11-5	64AT22-5	E,F,K,L,M,N
4	C-NC Pole 1,2; C-NO Pole 3,4	C-NC ea Pole	C-NC Pole 3,4,* C-NO Pole 1,2*	-	64AT22-514	B,E,G,L,N,P
4	C-NC Pole 1,2,* C-NO Pole 3,4*	C-NC ea Pole	C-NC Pole 3,4,* C-NO Pole 1,2*	64AT11-7	64AT22-7	E,L,N
6	C-NC Pole 1,2,3; C-NO Pole 4,5,6	C-NC ea Pole	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT11-1	66AT22-1	All lever lock options
6	C-NC Pole 1,2,3,* C-NO Pole 4,5,6*	C-NC ea Pole	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT11-5	66AT22-5	E,F,K,L,M,N
6	C-NC Pole 1,2,3; C-NO Pole 4,5,6	C-NC ea Pole	C-NC Pole 4,5,6,* C-NO Pole 1,2,3*	66AT11-514	-	B,E,G,L,N,P
6	C-NC Pole 1,2,3,* C-NO Pole 4,5,6*	C-NC ea Pole	C-NC Pole 4,5,6,* C-NO Pole 1,2,3*	66AT11-7	66AT22-7	E,L,N
8	C-NC Pole 1,2,3,4; C-NO Pole 5,6,7,8	C-NC ea Pole	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	68AT11-1	68AT22-1	All lever lock options
8	C-NC Pole 1,2,3,4,* C-NO Pole 5,6,7,8*	C-NC ea Pole	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	68AT11-5	68AT22-5	E,F,K,L,M,N
8	C-NC Pole 1,2,3,4,* C-NO Pole 5,6,7,8*	C-NC ea Pole	C-NC Pole 5,6,7,8,* C-NO Pole 1,2,3,4*	68AT11-7	68AT22-7	E,L,N

\* These positions are momentary. All other positions are maintained

<sup>1</sup> See page 3 for lever lock configurations



# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## 60AT SERIES THREE-POSITION ORDER GUIDE

Table 12. Three-position 60AT Series per MIL-PRF-8805/98 (with Bushing and Panel Seals)

No. of Poles/ Basic Switches	Toggle Lever Position			Standard Lever	Standard Lever	Pull-to-Un-lock Lever <sup>1</sup>	Pull-to-Un-lock Lever <sup>1</sup>
	Keyway	Center	Opposite Keyway	Catalog Listing	Military Number	Add Lever Lock Suffix "Letter" to Standard Lever Toggle Switch	Military Number
4	C-NC Pole 1,2; C-NO Pole 3,4	C-NC ea Pole	C-NC Pole 3,4 C-NO Pole 1,2	64AT300-1	M8805/98-001	All lever lock types	M8805/98- <sup>**</sup>
4	C-NC Pole 1,2,* C-NO Pole 3,4*	C-NC ea Pole	C-NC Pole 3,4 C-NO Pole 1,2	64AT300-5	M8805/98-019	E,F,K,L,M,N	M8805/98- <sup>**</sup>
4	C-NC Pole 1,2,* C-NO Pole 3,4*	C-NC ea Pole	C-NC Pole 3,4,* C-NO Pole 1,2*	64AT300-7	M8805/98-026	E,L,N	M8805/98- <sup>**</sup>
6	C-NC Pole 1,2,3; C-NO Pole 4,5,6	C-NC ea Pole	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT300-1	M8805/98-032	All lever lock types	M8805/98- <sup>**</sup>
6	C-NC Pole 1,2,3,* C-NO Pole 4,5,6*	C-NC ea Pole	C-NC Pole 4,5,6; C-NO Pole 1,2,3	66AT300-5	M8805/98-050	E,F,K,L,M,N	M8805/98- <sup>**</sup>
6	C-NC Pole 1,2,3,* C-NO Pole 4,5,6*	C-NC ea Pole	C-NC Pole 4,5,6,* C-NO Pole 1,2,3*	-	M8805/98-057	66AT300-7* E,L,N	M8805/98- <sup>**</sup>
8	C-NC Pole 1,2,3,4; C-NO Pole 5,6,7,8	C-NC ea Pole	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	68AT300-1	M8805/98-063	All lever lock types	M8805/98- <sup>**</sup>
8	C-NC Pole 1,2,3,4,* C-NO Pole 5,6,7,8*	C-NC ea Pole	C-NC Pole 5,6,7,8; C-NO Pole 1,2,3,4	-	M8805/98-081	68AT300-5* E,F,K,L,M,N	M8805/98- <sup>**</sup>
8	C-NC Pole 1,2,3,4,* C-NO Pole 5,6,7,8*	C-NC ea Pole	C-NC Pole 5,6,7,8,* C-NO Pole 1,2,3,4*	-	M8805/98-092	68AT300-7* E,L,N	M8805/98- <sup>**</sup>

\* Momentary position. All other positions are maintained.

\*\* Add the appropriate 3 digit suffix to the military number

+ Add the lever lock "letter" to the base catalog listing

<sup>1</sup> See page 3 for lever lock configurations

# MICRO SWITCH™ Commercial-Grade Toggle Switches, AT Series

## DIMENSIONAL DRAWINGS

Figure 9. 13/23AT Series, Standard Lever

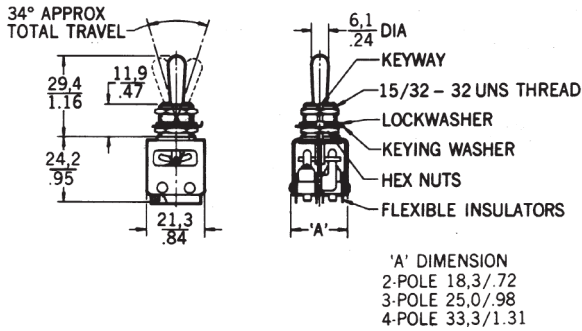


Figure 10. 13/23AT Series, Tab Lever

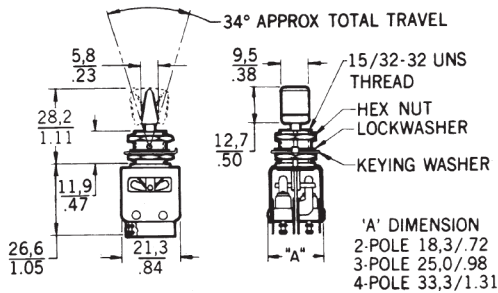


Figure 11. 13/23AT Series, Locking Lever

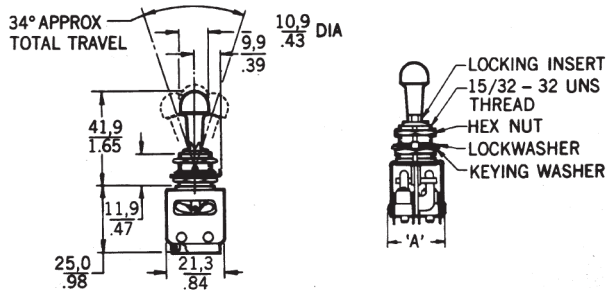


Figure 12. 6AT Series, with Keying Washer

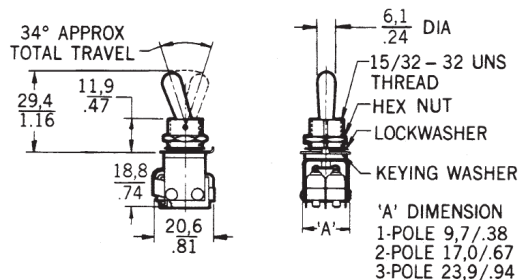


Figure 13. 6AT Series, Bushing with Key Tab

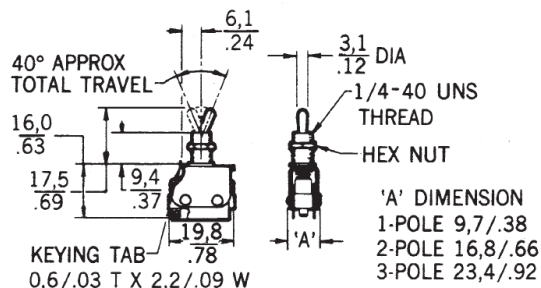


Figure 14. 62AT Series, Standard Lever

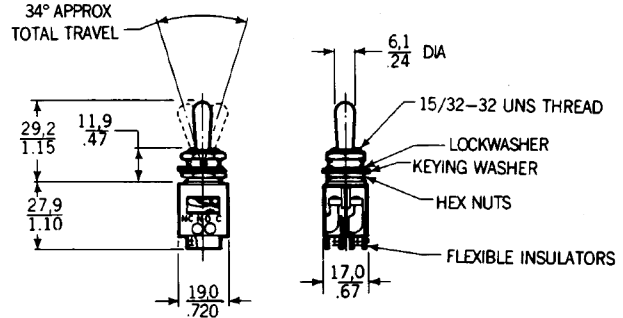


Figure 15. 64/66/68AT Series, Locking Lever

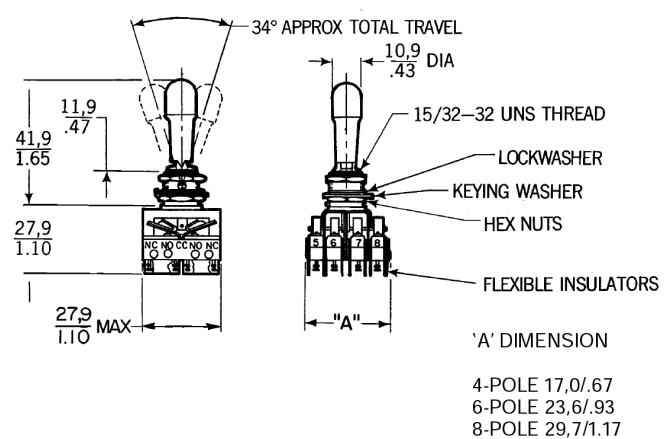
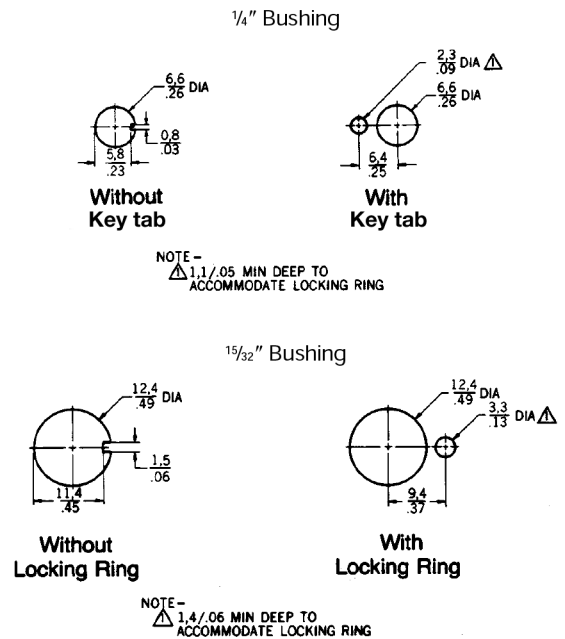


Figure 16. Panel Cutouts



NOTE—  
64AT300, 66AT300, and 68AT300 (M8805/98) listings have a bushing seal and MS25196 panel seal.

## ADDITIONAL MATERIALS

The following associated literature is available on the Honeywell web site at [sensing.honeywell.com](http://sensing.honeywell.com):

- Product line guide
- Product range guide
- Application note: Flight deck toggle switches
- Application note: Sensors and switches in oil rig applications

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DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

## **WARNING** **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

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