

# INDUSTRIAL - ENVIRONMENTALLY SEALED SWITCHES




Series - 8530, 8531, 8532

Econoswitch Sealed Toggle Switches

FEATURES		SPECIFICATIONS		CURRENT RATINGS						
<ul style="list-style-type: none"> <li>Environmentally sealed</li> <li>1, 2 and 4 pole Circuitry</li> <li>One hole mounting for easy installation</li> <li>Multi-circuits</li> <li>2 &amp; 3 position with maintained and momentary action</li> <li>Three types of termination offered as standard</li> </ul>		<ul style="list-style-type: none"> <li>Watertight seal per MIL-STD-108E and designed to meet IP68</li> <li>UL recognized and CSA certified</li> <li>Three standard types of terminals: Screw 6-32 UNC-2A Solder lug .125 [3,17] dia. hole Spade .250 [6,35] x .032 [0,81] thick</li> <li>Life: 50,000 operations at rated load. 100,000 operations mechanical life.</li> <li>Temperature Range: -50°F to +150°F (-46°C to + 66°C)</li> </ul>		28VDC			115VAC 60 or 400Hz			
				No. of Poles	Catalog Number	Type of Operation	Lamp Load	Resistive Load	Inductive Load	Lamp Load
		1	8530	Maintained	5	20	15	3	15	10
				Momentary	4	15	10	2	11	7
		2	8531	Maintained	7	20	15	4	15	15
				Momentary	5	18	10	2	11	8
		4	8532	Maintained	5	20	12	4	15	15
				Momentary	4	18	10	2	11	8

For the UL/CSA ratings, see page A70.

## STANDARD LEVER SELECTION TABLE

		CIRCUIT WITH LEVER IN . . .			CATALOG NUMBER		
		Up Position	Center Position	Down Position (Keyway)	Screw Terminals	Solder Lug Terminals	Spade Terminals
							
		<b>ONE POLE</b>					
<b>8530</b>	ON	OFF	ON	8530K1	8530K91	8530K31	
	ON	NONE	OFF	K9	K99	K39	
	ON	NONE	ON	K4	K94	K34	
	ON	OFF	NONE	K6	K96	K36	
	ON	NONE	ON*	8530K5	8530K95	8530K35	
	ON*	OFF	ON*	K2	K92	K32	
	NONE	OFF	ON*	K7	K97	K37	
	ON	NONE	OFF*	K10	K910	K310	
	OFF	NONE	ON*	K11	K911	K311	
	ON	OFF	ON*	8530K3	8530K93	8530K33	
ON*	ON	NONE	K12	K912	K312		
ON	ON	NONE	K13	K913	K313		
ON	ON	ON	K14	K914	K314		
ON	ON	ON*	K15	K915	K315		
ON*	ON	ON*	8531K16	8531K916	8531K316		
ON	ON	ON	K17	K917	K317		
ON	ON	ON*	K18	K918	K318		
ON*	ON	ON*	K19		K319		
		<b>TWO POLE</b>					
<b>8531</b>	ON	OFF	ON	8531K1	8531K91	8531K31	
	ON	NONE	OFF	K9	K99	K39	
	ON	NONE	ON	K4	K94	K34	
	ON	OFF	NONE	K6	K96	K36	
	ON	NONE	ON*	8531K5	8531K95	8531K35	
	ON*	OFF	ON*	K2	K92	K32	
	NONE	OFF	ON*	K7	K97	K37	
	ON	NONE	OFF*	K10	K910	K310	
	OFF	NONE	ON*	K11	K911	K311	
	ON	OFF	ON*	8531K3	8531K93	8531K33	
ON*	ON	NONE	K12	K912	K312		
ON	ON	NONE	K13	K913	K313		
ON	ON	ON	K14	K914	K314		
ON	ON	ON*	K15	K915	K315		
ON*	ON	ON*	8531K16	8531K916	8531K316		
ON	ON	ON	K17	K917	K317		
ON	ON	ON*	K18	K918	K318		
ON*	ON	ON*	K19		K319		
		<b>FOUR POLE</b>					
<b>8532</b>	ON	OFF	ON	8532K1	8532K91	8532K31	
	ON	NONE	OFF	K9	K99	K39	
	ON	NONE	ON	K4	K94	K34	
	ON	OFF	NONE	K6	K96	K36	
	ON	NONE	ON*	8532K5	8532K95	8532K35	
	* ON	OFF	ON*	K2	K92	K32	
	NONE	OFF	ON*	K7	K97	K37	
	ON	NONE	OFF*	K10	K910	K310	
	OFF	NONE	ON*	K11	K911	K311	
	ON	OFF	ON*	8532K3	8532K93	8532K33	
* ON	ON	NONE	K12	K912	K312		
ON	ON	NONE	K13	K913	K313		
ON	ON	ON	K15	K915	K315		
ON	ON	ON*	K16	K916	K316		
* ON	ON	ON*	K17	K917	K317		

\* Momentary contact.

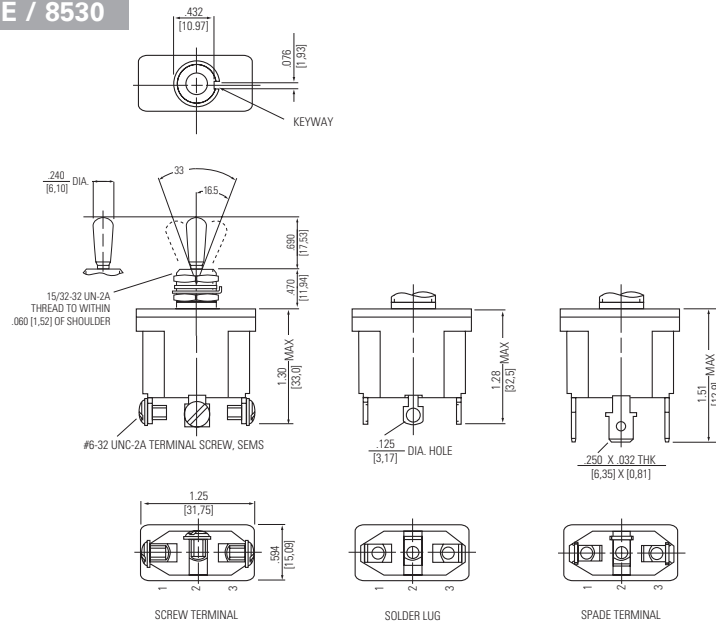
See page A71 for circuit diagrams.

# ECONOSWITCH - ENVIRONMENTALLY SEALED SWITCHES

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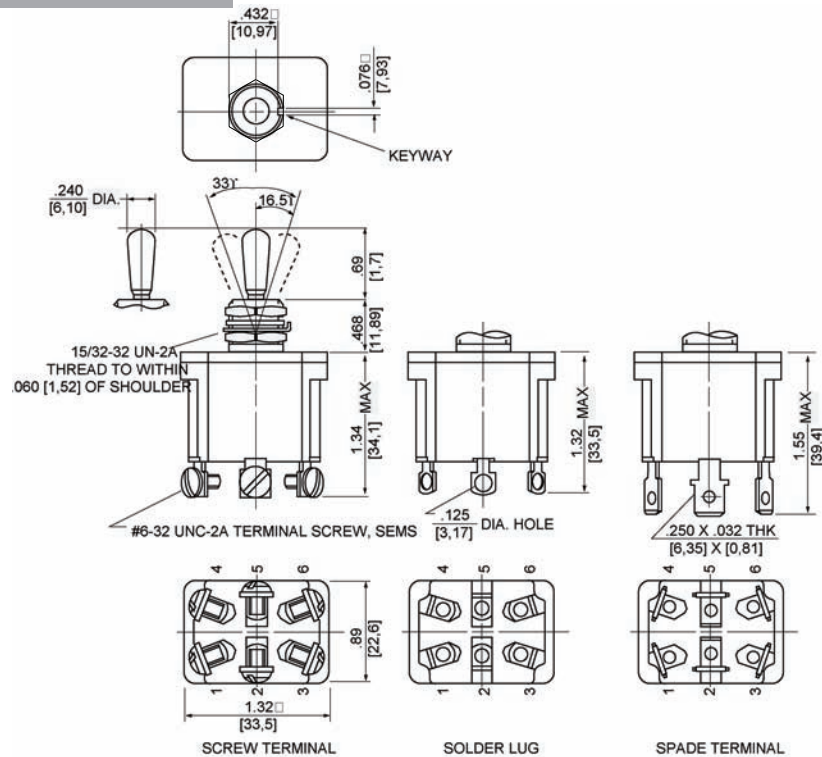
Econoswitch Sealed Toggle Switches

## MOUNTING DIMENSIONS - ONE POLE / 8530



### Terminal Identification

## MOUNTING DIMENSIONS - TWO POLE / 8531



### Terminal Identification

#### STANDARD

0.00 = inches

[0,0] = mm

Mounting dimensions for reference only.

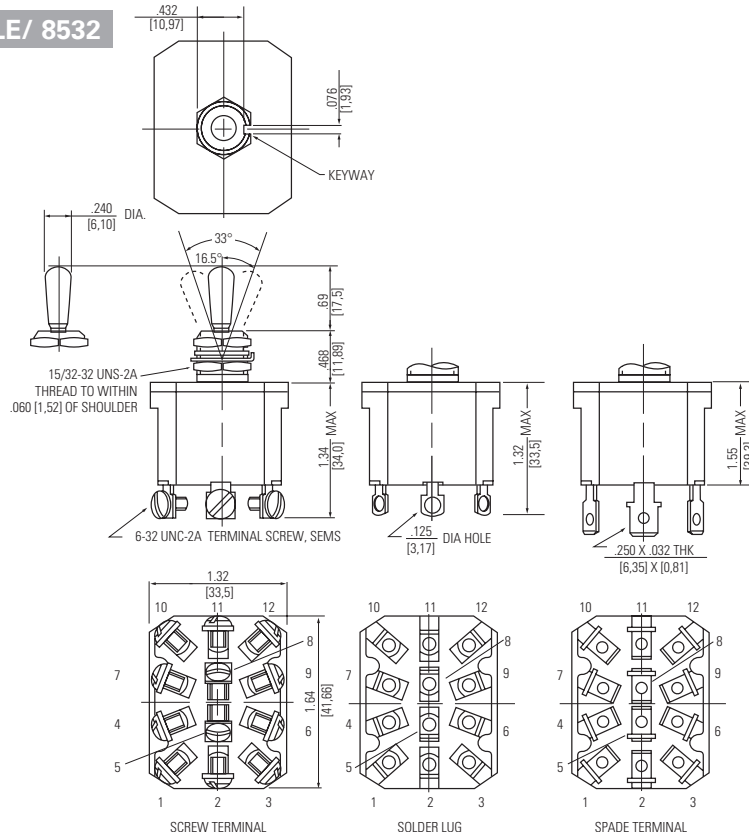
Non-functional terminals not supplied.

# ECONOSWITCH - ENVIRONMENTALLY SEALED SWITCHES

Series - 8530, 8531, 8532

Econoswitch Sealed Toggle Switches

## MOUNTING DIMENSIONS - FOUR POLE/ 8532



### Terminal Identification

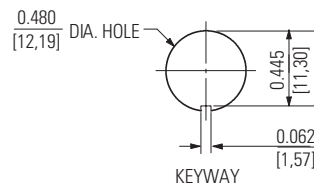
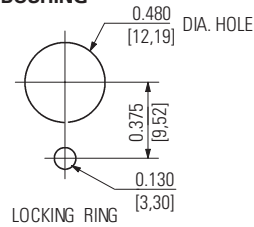
Non-functional terminals not supplied.

## OPTIONS/ACCESSORIES

- Special mounting hardware
- Mounting hardware furnished assembled
- Terminal screws furnished assembled
- Special circuits
- Panel seal, Part Number 32-341
- Custom wire harnesses
- Mating connector available for two poles with spade terminal
- External jumpers available
  - bussing jumper
  - reversing jumpers

## PANEL CUTOUT

### 15/32 DIA. BUSHING



### STANDARD

0.00 = inches

[0,0] = mm

Mounting dimensions for reference only.