

2500N Series

Miniature Slide Switches

SPECIFICATIONS	FEATURES
<p>Contact ratings: Gold; 0.4 Volt-Amps (VA) max. at 20 V max. (AC or DC) Silver; 4 A at 125 VAC, 2 A at 250 VAC or 3 A at 30 VDC Initial contact resistance: Gold; 50 milliohms max. Silver; 10 milliohms max. Insulation resistance: 1000 megohms min. at 500 VDC Dielectric strength: 1000 V rms min. between terms. Electrical life: Gold; 20,000 cycles, Silver; 10,000 cycles Operating temperature range: -40°C to +85°C Solder heat resistance: 300°C max. for 5 seconds Washing not recommended.</p>	<ul style="list-style-type: none"> Molded-in terminals. .100" (2,54mm) and .200" (5,08mm) terminal spacing. Many additional models & options available (see page E49). Optional UL recognized & marked models available .
MATERIALS	<p>Contacts & terminals: Gold or silver available (see contact ratings) Actuator and Cover: Glass filled polyamide Case: PBT high temp. thermoplastic Terminal seal: Epoxy</p>


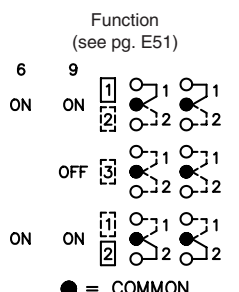
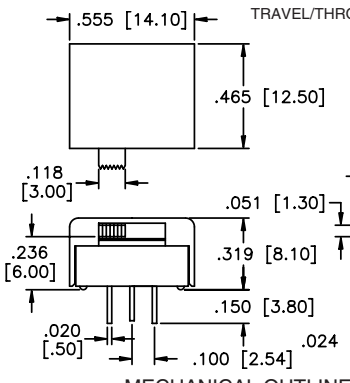
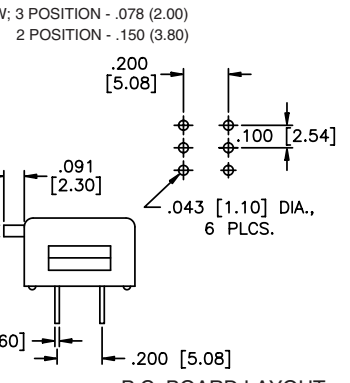

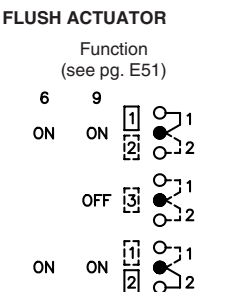
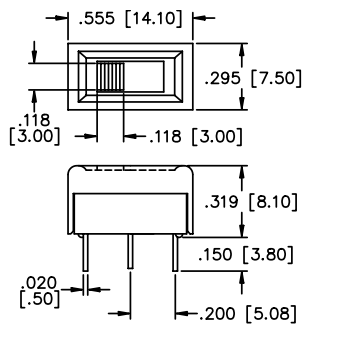
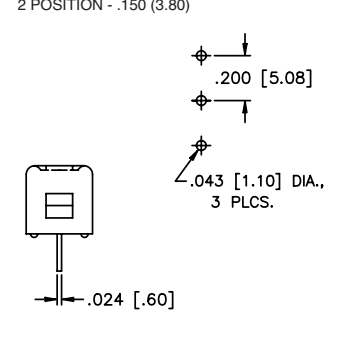

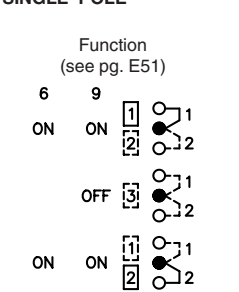
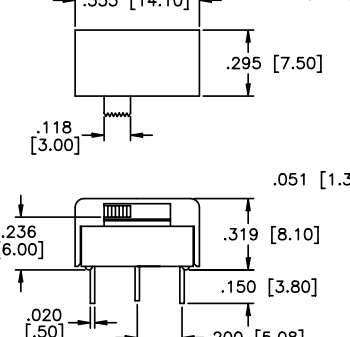
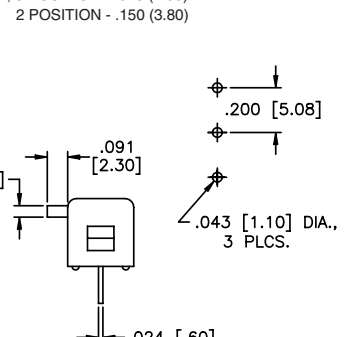

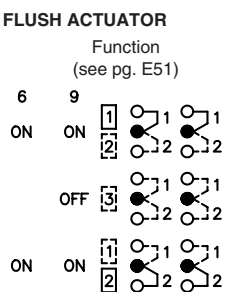
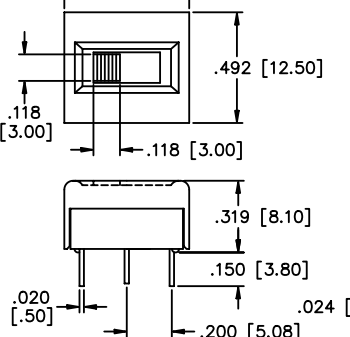
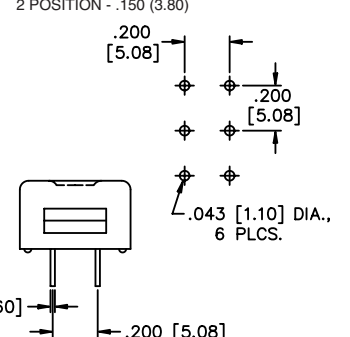
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO. PLATING ACTION	SINGLE POLE FLUSH ACTUATOR	<p>Function (see pg. E51)</p> <p>● = COMMON</p> <p>SINGLE POLE FLUSH ACTUATOR</p>	<p>TRAVEL/THROW; 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)</p>	<p>P.C. BOARD LAYOUT</p>
<p>VERTICAL ACTUATOR</p>				
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<p>RIGHT ANGLE ACTUATOR</p>				
MODEL NO. PLATING ACTION	DOUBLE POLE FLUSH ACTUATOR	<p>Function (see pg. E51)</p> <p>● = COMMON</p> <p>DOUBLE POLE FLUSH ACTUATOR</p>	<p>TRAVEL/THROW; 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)</p>	<p>P.C. BOARD LAYOUT</p>
<p>VERTICAL ACTUATOR</p>				

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<table border="1"> <thead> <tr> <th>MODEL NO.</th> <th>PLATING</th> <th>ACTION</th> </tr> </thead> <tbody> <tr> <td>25346NLD</td> <td>Gold</td> <td>on - on</td> </tr> <tr> <td>25349NLD</td> <td>Gold</td> <td>on off on</td> </tr> <tr> <td>25346NA</td> <td>Silver</td> <td>on - on</td> </tr> <tr> <td>25349NA</td> <td>Silver</td> <td>on off on</td> </tr> </tbody> </table>  <p style="text-align: center;">RIGHT ANGLE ACTUATOR</p>	MODEL NO.	PLATING	ACTION	25346NLD	Gold	on - on	25349NLD	Gold	on off on	25346NA	Silver	on - on	25349NA	Silver	on off on	<p>DOUBLE POLE</p> <p>Function (see pg. E51)</p>  <p>● = COMMON</p> <p>SCHEMATIC</p>  <p>MECHANICAL OUTLINE</p>  <p>P.C. BOARD LAYOUT</p> <p>TRAVEL/THROW; 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)</p>
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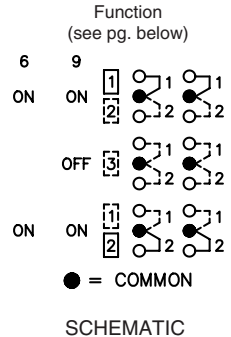
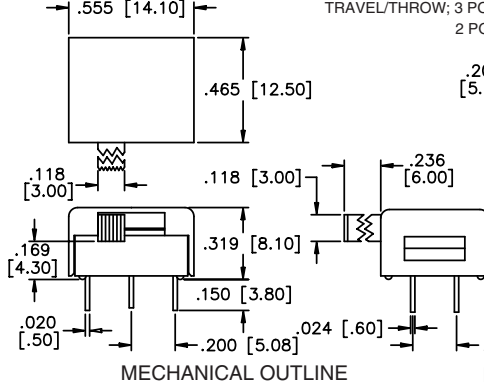
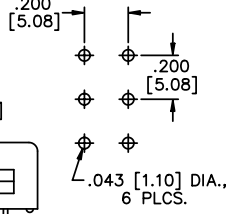

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MODEL NO.	PLATING	ACTION	DOUBLE POLE
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<p>RIGHT ANGLE ACTUATOR</p>			<p>MECHANICAL OUTLINE</p> <p>P.C. BOARD LAYOUT</p>
MODEL NO.	PLATING	ACTION	SINGLE POLE
25436NLDH 25439NLDH 25436NAH 25439NAH	Gold Gold Silver Silver	on - on on off on on - on on off on	<p>Function (see pg. E51)</p> <p>● = COMMON</p>
<p>VERTICAL ACTUATOR</p>			<p>MECHANICAL OUTLINE</p> <p>P.C. BOARD LAYOUT</p>
MODEL NO.	PLATING	ACTION	SINGLE POLE
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<p>RIGHT ANGLE ACTUATOR</p>			<p>MECHANICAL OUTLINE</p> <p>P.C. BOARD LAYOUT</p>
MODEL NO.	PLATING	ACTION	DOUBLE POLE
25446NLDH 25449NLDH 25446NAH 25449NAH	Gold Gold Silver Silver	on - on on off on on - on on off on	<p>Function (see pg. E51)</p> <p>● = COMMON</p>
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MODEL NO.	PLATING	ACTION	DOUBLE POLE		
25546NLD6	Gold	on - on	<p>Function (see pg. below)</p>  <p>SCHEMATIC</p>	 <p>MECHANICAL OUTLINE</p>	<p>TRAVEL/THROW; 3 POSITION - .078 (2.00) 2 POSITION - .150 (3.80)</p>  <p>P.C. BOARD LAYOUT</p>
25549NLD6	Gold	on off on			
25546NA6	Silver	on - on			
25549NA6	Silver	on off on			
 <p>RIGHT ANGLE ACTUATOR</p>					

Additional ordering information: Commonly ordered models are shown above and on preceding pages with complete model numbers and specifications. Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from all available options shown and filling in the boxes.

'BUILD YOUR OWN SWITCH' ORDER FORMAT

Fill in boxes shown with options selected from below.
Allowable options for each box are shown under each respective box.

Series	Actuator/ Term. Spacing	Poles	Functions	Version	*Contact & Term. Mat'l.	*Actuators	Approvals
2 5							
	1 4 3 5	3 4	6 9	N	A L D	B H H 6 6	(NONE) X 6 9 3 U L
	* If a single suffix selection is chosen from the Contact & Term. Mat'l. or Actuator categories above, eliminate the extra box.						

Actuator/Terminal spacing: Dimensions in inches and millimeters.
 1 = Vertical actuator and .100" (2.54mm) terminal spacing
 4 = Vertical actuator and .200" (5.08mm) terminal spacing
 3 = Side actuator and .100" (2.54mm) terminal spacing
 5 = Side actuator and .200" (5.08mm) terminal spacing

Poles: 3 = Single Pole 4 = Double Pole

Functions: 6 = ON - ON 9 = ON OFF ON

Version: N = Version specification (Specify for all models)

Contact & terminal materials: See contact ratings under "specifications". A = Silver LD = Gold plated brass

Actuators: Dimensions in inches and millimeters.
 B = Flush vertical actuator
 H = Vertical actuator .110" (2.80mm) high
 H6 = Vertical actuator .236" (6.00mm) high
 6 = Side actuator .236" (6.00mm) long

Note: If **Actuator** boxes are not used, a side actuator .090" (2.30mm) long will be supplied.

Approvals: X693UL = Switches recognized and marked UL - silver (A) contacts only.

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