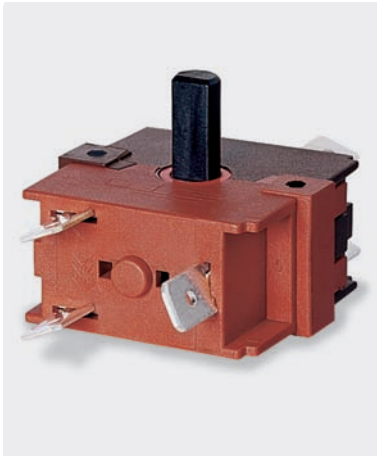


9100 Rotary Switches 16A 250Vac



- ▶ 2 to 6 position rotary switch
- ▶ Ratings up to 20A, 277 Vac Non Inductive
- ▶ Pairs of single pole change over contacts
- ▶ Wide choice of switching circuits
- ▶ Can be stacked together

Approvals and specifications



16(4)A 250Vac T125
16A 400Vac T125
8(8)A 250Vac T125 5E4 (50,000 Operations)



UL CSA 20A Non Ind 277Vac, 250Vac 2hp, 125Vac 1hp
UL 85°C, file no. E45221, CSA file no. LR10990

In house test:

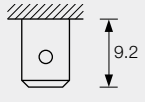









30A 12V dc — Indicative rating only

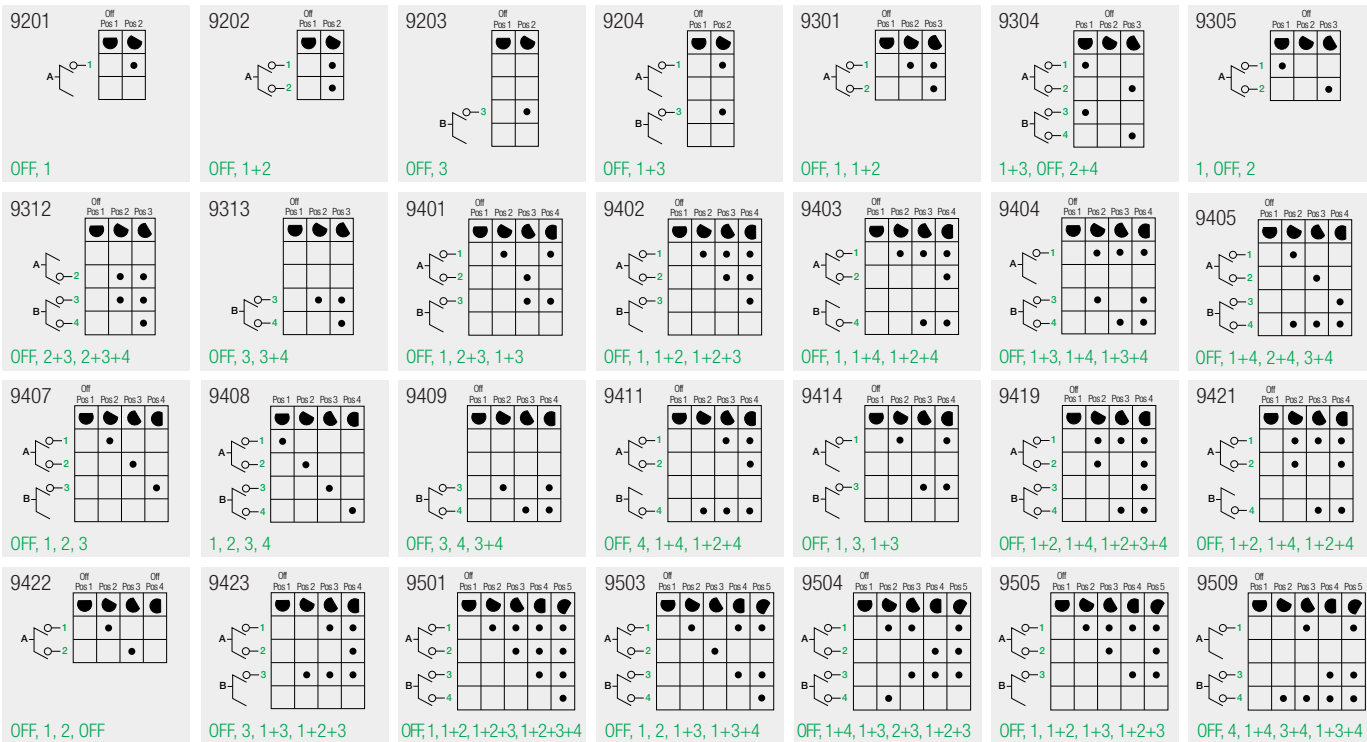
9100 switches are highly versatile with up to 6 positions at 30° intervals and 6 terminals per switch. For more complex switching (7 positions & over), contact sales. Two switches may be stacked to give up to 12 terminal switching.

3mm contact gap.
Technical data on pages 4 & 5.

C 9 5 01 D A

TERMINAL SERIES POSITIONS CIRCUIT SPINDLE BODY

▶ TERMINAL	▶ SERIES	▶ POSITION	▶ CIRCUIT	▶ SPINDLE																																										
<p>C</p>  <p>6.3 x 0.8</p>	9	<p>2</p> <p>Switching positions</p>	<p>9100 switches offer almost infinite switching options</p> <p>For this reason it is impractical to show all the options available.</p> <p>The table below gives an example of a 5 position switching sequence:</p> <p>OFF, 1, 1+2, 1+2+3, 1+2+3+4</p> <table border="1" style="margin: 10px auto;"> <tr> <td></td> <td>Off</td> <td>Pos 1</td> <td>Pos 2</td> <td>Pos 3</td> <td>Pos 4</td> <td>Pos 5</td> </tr> <tr> <td>A</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>B</td> <td></td> <td></td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> </table> <p>The code for your chosen circuit will be allocated by our technicians. Please contact sales for details.</p> <p>Use the blank table to plan your switching up to 6 positions.</p> <table border="1" style="margin: 10px auto;"> <tr> <td></td> <td>Pos 1</td> <td>Pos 2</td> <td>Pos 3</td> <td>Pos 4</td> <td>Pos 5</td> <td>Pos 6</td> </tr> <tr> <td>A</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td>B</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		Off	Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	A	●	●	●	●	●	●	B			●	●	●	●		Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	Pos 6	A	●	●	●	●	●	●	B							<p>A</p>  <p>B</p>  <p>C</p>  <p>N</p> <p>A - Dim. X = 26.0 B - Dim. X = 22.0 C - Dim. X = 10.8 N - Dim. X = 20.0 K - Dim. X = 13.0</p>
		Off		Pos 1	Pos 2	Pos 3	Pos 4	Pos 5																																						
A		●		●	●	●	●	●																																						
B					●	●	●	●																																						
		Pos 1		Pos 2	Pos 3	Pos 4	Pos 5	Pos 6																																						
A		●		●	●	●	●	●																																						
B																																														
		<p>3</p> <p>Switching positions</p>		<p>D</p>  <p>T</p>  <p>D - Dim. X = 12.2 T - Dim. X = 18.0</p>																																										
		<p>4</p> <p>Switching positions</p>		<p>M</p>  <p>M - Dim. X = 12.2</p>																																										
		<p>5</p> <p>Switching positions</p>		<p>P</p>  <p>P - Dim. X = 23.0</p>																																										
		<p>6</p> <p>Switching positions</p>		<p>R</p>  <p>R - Dim. X = 12.2, 20.1 for 2 gang switching</p>																																										
<p>Simple circuits may not use all terminals. Unnecessary terminals may be omitted.</p>				<p>S</p>  <p>S - Dim. X = 10.8</p> <p>L</p> <p>supplied without spindle</p>																																										



BODY

A
Standard 2 hole mounting

Recommended Mounting
2 each of No4 / 3.0mm self tapping screws
5.0mm min penetration into switch body.

Stacked Switches
For more complex switching a second switch may be stacked on the first.



OPTIONS

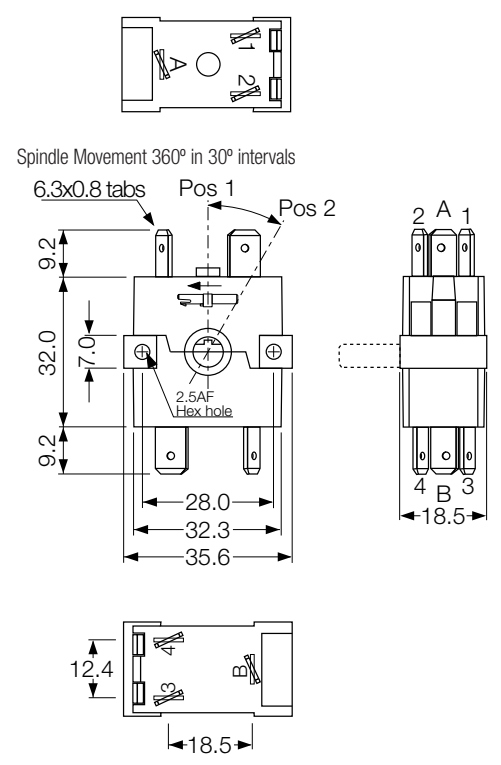
Anti-rotation stops
May be fitted at any of the index positions to limit the maximum angle of rotation.

Panel clearance
A spacer can be fitted to the switch body to increase the clearance between the mounting panel and switch terminals.

Custom spindles
Custom spindles of any length, with or without a "D" flat, can be produced from our infinitely variable tooling. The flat can be at any angle.

For all options call sales.

DIMENSIONS (mm)



Note
In the circuits on this page, the symbol ● shows the position of the switch cam, NOT the position of the spindle flat.