

9000 Rotary Switches 2A 250Vac



- ▶ Rotary action switch
- ▶ Ratings up to 2A, 250V ac
- ▶ 4 position, single pole
- ▶ 90° indexed positions

Approvals and specifications



2A 250Vac T85



UL 2A 250Vac, 65°C, file E45221

μ contact gap.

Technical data on pages 4 & 5.

A 4-position single pole rotary switch. All nylon construction, threaded neck and flatted 6.0mm dia. spindle. Positive detent action, 90° between index positions. Stops available to restrict rotation.

Various circuits may be obtained by changing the supply and load connections or by omission of one or two terminals. Line and loads may be connected to any terminals. Any three of the four contacts are always connected. Illustrated loads and line are for example only.

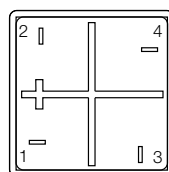
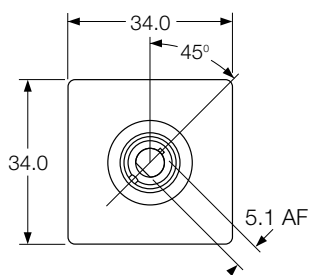
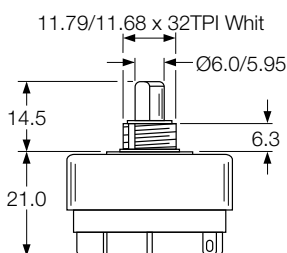
Suitable for class II appliances. Patent app.

T9000 00 ---



TERMINAL	FUNCTION		BODY	OPTIONS
T	<p>9000 Position 1 Viewed from terminal side</p>	<p>Position 2</p>	<p>Panel Cut-out</p>	<p>Rotation Stops Can be specified to limit the number of switching positions</p>
	<p>Position 3</p>	<p>Position 4</p>	<p>Panel thickness 1.25 - 3.5mm</p>	

Dimensions (mm)



9100 Pull Cord Switches 16(4)A 250Vac

Approvals and specifications



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



UL CSA 20A 277Vac, 250Vac 2hp, 125Vac 1hp
UL85°C, file no. E45221, CSA file no. LR10990

In house test: 30A 12V dc — Indicative rating only

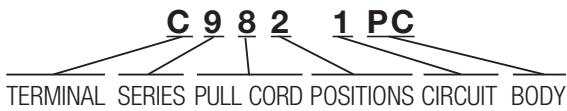
9100 pull cord switches have 45° indexing

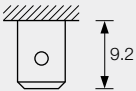
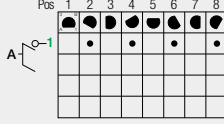
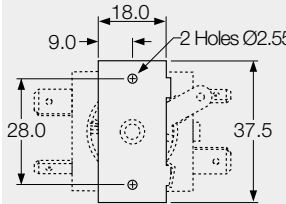
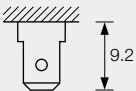
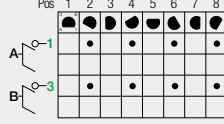
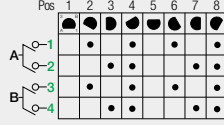
3mm contact gap
Technical data on pages 4 & 5

- ▶ Pull cord operation
- ▶ Ratings up to 16A, 250V ac; 20A, 28V dc
- ▶ 2 & 4 way rotary switch
- ▶ Pairs of single pole change over contacts
- ▶ Wide choice of switching circuits



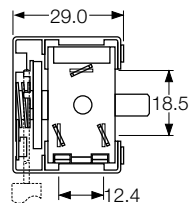
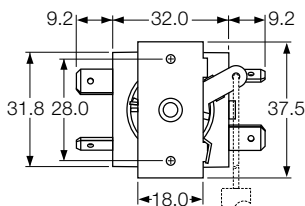
C9821PC ---



▶ TERMINAL	▶ SERIES	▶ POSITIONS/CIRCUIT	▶ BODY/MOUNTING
<p>C</p>  <p>9.2</p> <p>6.3 x 0.8</p>	98	<p>21 Off 1</p> 	<p>PC 2 hole fixing</p>  <p>18.0 9.0 2 Holes Ø2.55 28.0 37.5</p>
<p>H</p>  <p>9.2</p> <p>4.8 x 0.8</p> <p>For approval information on H terminals, contact sales</p>		<p>22 Off 1+3</p> 	
		<p>41 Off 1+3 2+4 1+2+3+4</p>  <p>For other circuits please contact sales</p>	

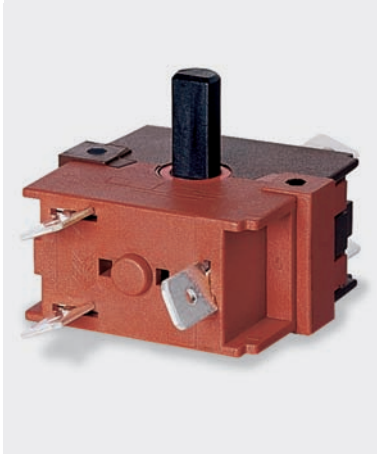
Dimensions (mm)

9100PC (C terminals shown)



rotary switches

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>	<p>9</p>	<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;"> <thead> <tr> <th>Off</th> <th>Pos 1</th> <th>Pos 2</th> <th>Pos 3</th> <th>Pos 4</th> <th>Pos 5</th> </tr> </thead> <tbody> <tr> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td></td> <td></td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td></td> <td></td> <td></td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>●</td> <td>●</td> </tr> </tbody> </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;"> <thead> <tr> <th></th> <th>Pos 1</th> <th>Pos 2</th> <th>Pos 3</th> <th>Pos 4</th> <th>Pos 5</th> <th>Pos 6</th> </tr> </thead> <tbody> <tr> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> <td>●</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Off	Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	●	●	●	●	●	●			●	●	●	●				●	●	●					●	●		Pos 1	Pos 2	Pos 3	Pos 4	Pos 5	Pos 6	●	●	●	●	●	●	●																						<p>A</p> <p>A - Dim. X = 26.0</p> <p>B</p> <p>B - Dim. X = 22.0</p> <p>C</p> <p>C - Dim. X = 10.8</p> <p>N</p> <p>N - Dim. X = 20.0</p> <p>K</p> <p>K - Dim. X = 13.0</p> <p>D</p> <p>D - Dim. X = 12.2</p> <p>T</p> <p>T - Dim. X = 18.0</p> <p>M</p> <p>M - Dim. X = 12.2</p> <p>P</p> <p>P - Dim. X = 23.0</p> <p>R</p> <p>R - Dim. X = 12.2, 20.1</p> <p>for 2 gang switching</p> <p>S</p> <p>S - Dim. X = 10.8</p> <p>L</p> <p>supplied without spindle</p>
Off		Pos 1		Pos 2	Pos 3	Pos 4	Pos 5																																																														
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<p>Simple circuits may not use all terminals. Unnecessary terminals may be omitted.</p>																																																																					

