

9000 Rotary Switches 2A 250Vac



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



RoHS

2A 250Vac T85

UL 2A 250Vac, 65°C, file E45221

RoHS compliant

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.

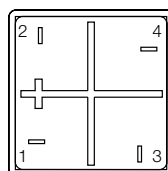
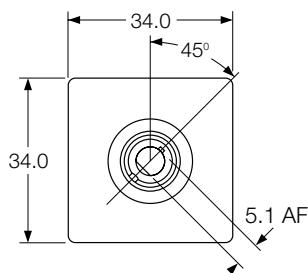
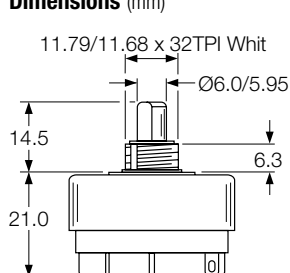
T9000 00 ---

T 9000

TERMINAL FUNCTION

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

Dimensions (mm)



9100 Pull Cord Switches 16(4)A 250Vac



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

20A 28V dc

9100 pull cord switches have 45° indexing



RoHS compliant

3mm contact gap
Technical data on pages 4 & 5

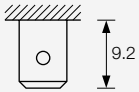
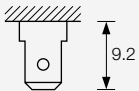
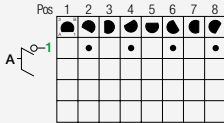
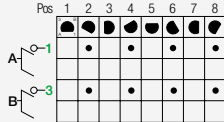
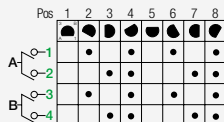
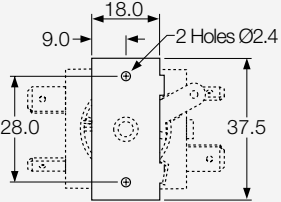
- ▶ Pull cord operation
- ▶ Ratings up to 16A, 250V ac; 20A, 28V dc
- ▶ 2 & 4 way rotary switch
- ▶ Pairs of single pole change over contacts
- ▶ Wide choice of switching circuits



C9821PC ---

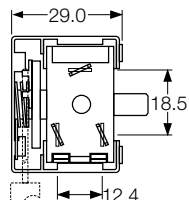
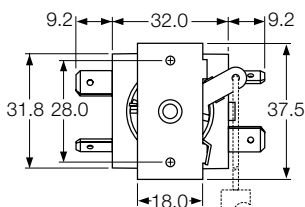
C 9 8 2 1 PC

TERMINAL SERIES PULL CORD POSITIONS CIRCUIT BODY

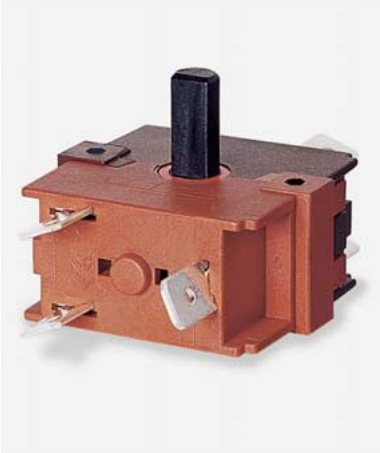
▶ TERMINAL	▶ SERIES	▶ FUNCTION	▶ BODY/MOUNTING
C  6.3 x 0.8 H  4.8 x 0.8 For approval information on H terminals, contact the factory	98	2 Switching positions Off 1  2 Switching positions Off 1+3  4 Switching positions Off 1+3 2+4 1+2+3+4 	PC 2 hole fixing 

Dimensions (mm)

9100PC (C terminals shown)



9100 Rotary Switches 16A 250Vac



- ▶ 2 to 6 way rotary switch
- ▶ Ratings up to 16A, 250V ac; 20A, 28V dc
- ▶ Pairs of single pole change over contacts
- ▶ Wide choice of switching circuits
- ▶ Can be stacked together



In house test



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
UL85°C, file no. E45221, CSA file no. LR10990

20A 28V dc

RoHS compliant

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 the factory. Two switches may be stacked to give up to 12 terminal switching.

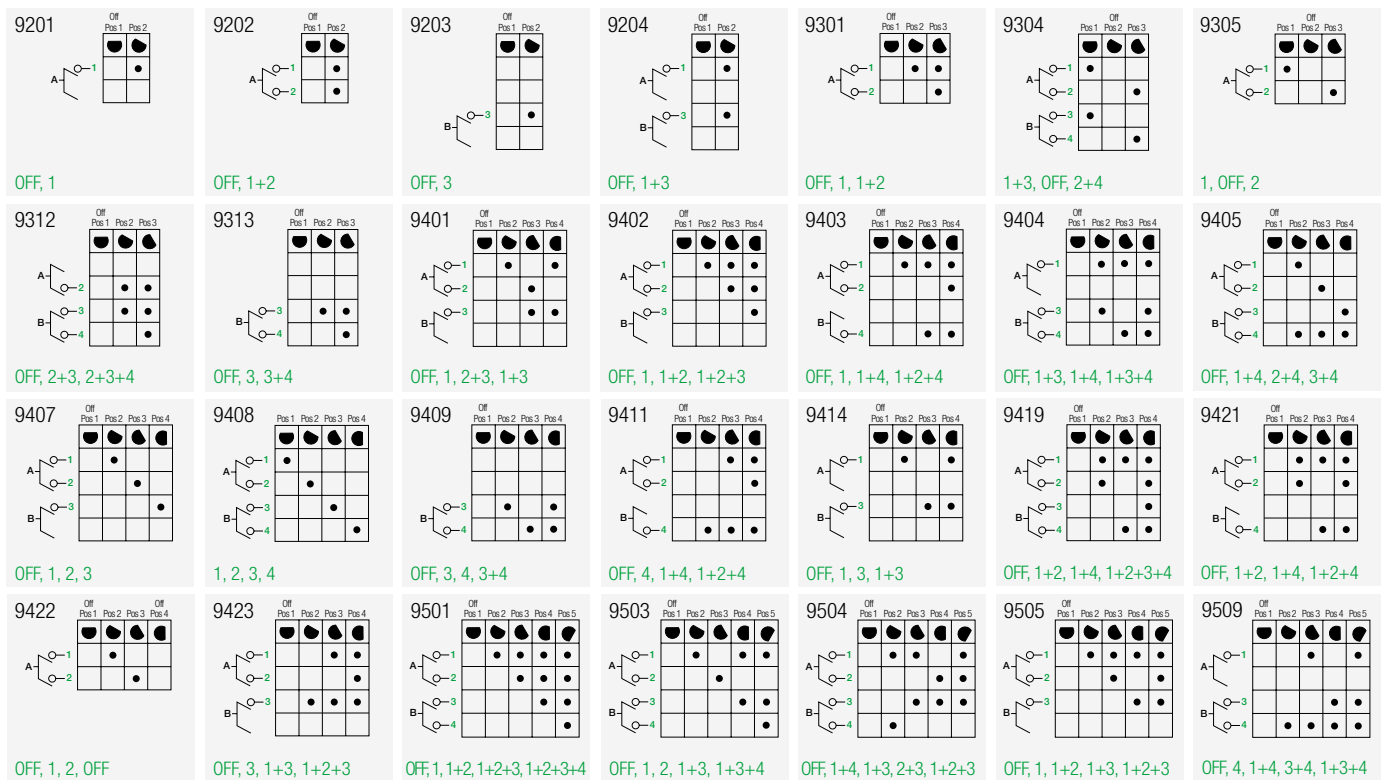
3mm contact gap.

Technical data on pages 4 & 5.

C 9 5 01 D A

TERMINAL SERIES POSITIONS CIRCUIT SPINDLE BODY

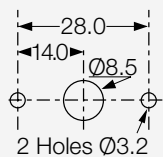
▶	TERMINAL	▶	SERIES	▶	POSITION	▶	CIRCUIT	▶	SPINDLE
C	6.3 x 0.8				2	Switching positions	9100 switches offer almost infinite switching options For this reason it is impractical to show all the options available. The table below gives an example of a 5 position switching sequence: OFF, 1, 1+2, 1+2+3, 1+2+3+4	A	
					3	Switching positions		B	
					4	Switching positions		C	
H	4.8 x 0.8	9			5	Switching positions		D	
					6	Switching positions		M	
								N	
								P	
								R	
								S	
								L	supplied without spindle



BODY

A

Standard 2 hole fixing



Recommended fixing

2 off 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.

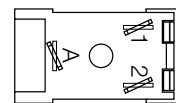
Panel clearance

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

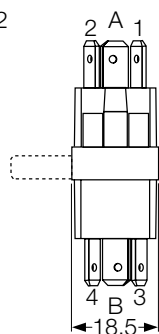
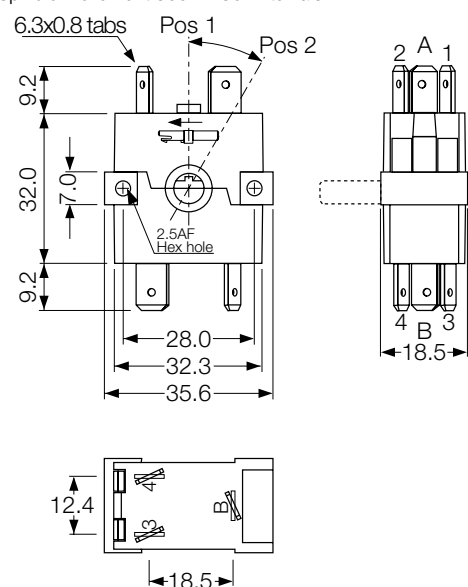
Custom spindles

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.

DIMENSIONS (mm)



Spindle Movement 360° in 30° intervals



For all options call the factory.

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