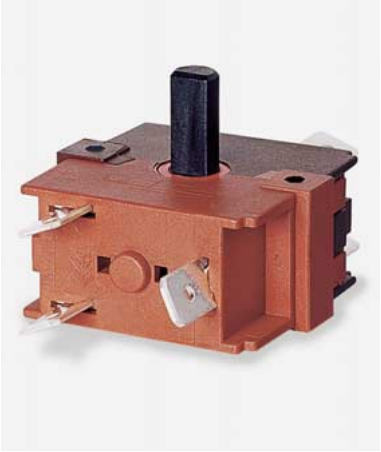
9100 Rotary Switches *16A 250Vac*



- 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

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

In house test **30A 12V 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.

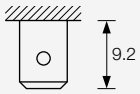
C 9 5 01 D A Stop at 120°

TERMINAL CODE | SERIES CODE | POSITIONS CODE | CIRCUIT CODE | SPINDLE CODE | BODY CODE | OPTIONS

ORDER FORMAT

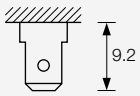
TERMINAL

C



6.3 x 0.8

H



4.8 x 0.8

For approval information on H terminals, contact the factory.

Simple circuits may not use all terminals. Unnecessary terminals may be omitted.

SERIES

9

POSITION

2 Switching positions

3 Switching positions

4 Switching positions

5 Switching positions

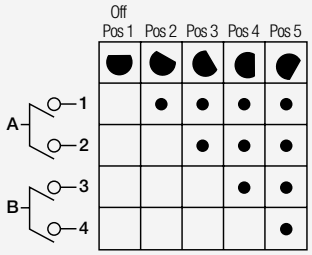
6 Switching positions

CIRCUIT

9100 switches offer almost infinite switching options

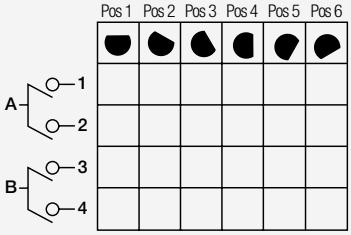
For this reason it is impractical to show all the options available.

The table below gives an example of a 5 position switching sequence:
OFF, 1, 1+2, 1+2+3, 1+2+3+4

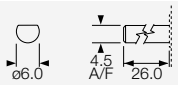


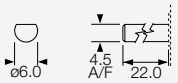
The code for your chosen circuit will be allocated by our technicians.
Please contact the factory for details.

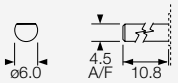
Use the blank table to plan your switching up to 6 positions.

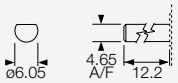


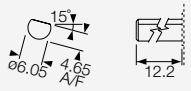
SPINDLE

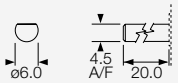
A


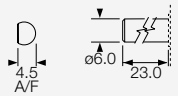
B


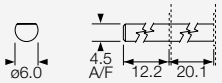
C


D


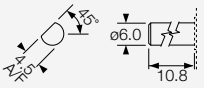
M


N


P


R


for 2 gang switching

S


L supplied without spindle

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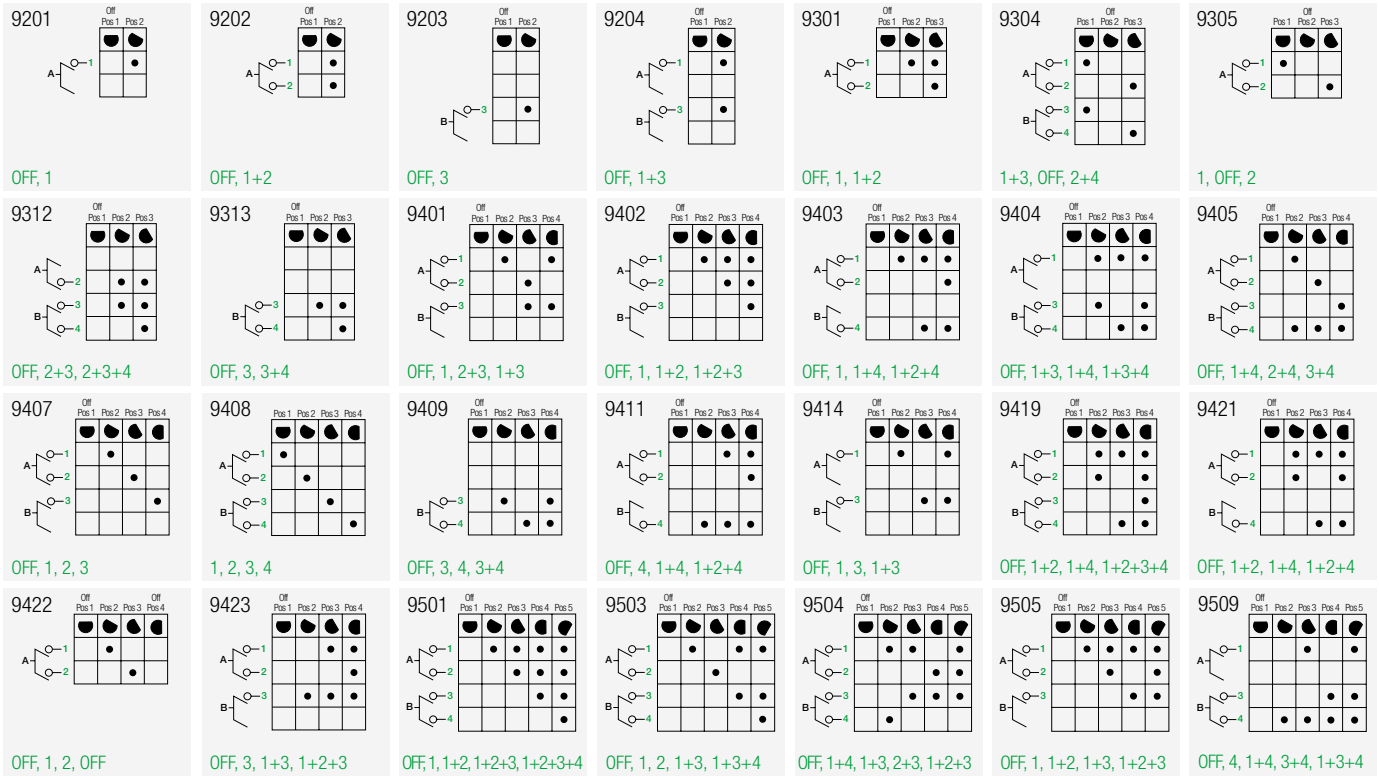
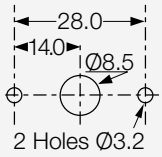


BODY

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

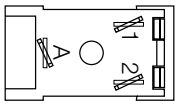
Anti-rotation stops
May be fitted at any of the index positions to limit the maximum angle of rotation.

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

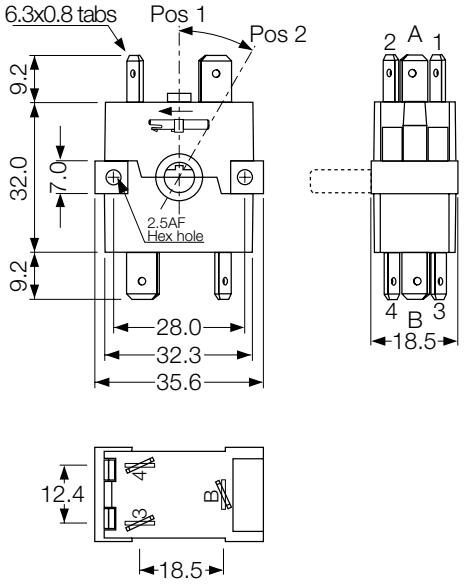
Custom spindles
Custom spindles of any length, with or without a "D" flat, can be produced from our infinitely variable tooling. The flat can be at any angle.

For all options call the factory.

DIMENSIONS (mm)



Spindle Movement 360⁰ in 30⁰ intervals



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

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