

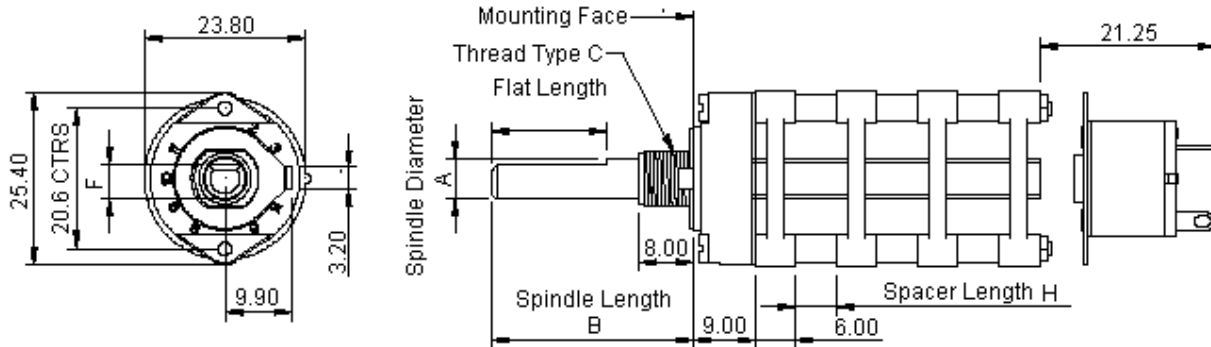
# Rotary Switches

## Non-Shorting



### Features:

- Made in UK.
- 25.4mm diameter multiwafer rotary switch.
- Standard 30° indexing.
- Solder or printed circuit board.
- Shorting (MBB) or non shorting (BBM) contacts.
- Adjustable stop to restrict number of positions.
- Standard self-stacking wafers.
- P.C. terminals pitch circle diameter versions.
- Special options: 45°, 60° or 90° indexing, gold flashed or gold plated contacts, rotary mains switch, insulated drive shafts, spindles with special flats, slots or knurls.
- P.C. terminals pitch circle diameter variations.



Dimensions Millimetres

### General Electrical and Mechanical Specifications

Switch Rating	: 150mA at 250V ac/dc 350mA at 110V ac/dc 1A at 12V ac/dc.
Life	: >10,000 Cycles.
Operating Temperature	: -30°C to +85°C.
Proof Voltage	: 1,000V ac (Initial).
Insulation Resistance	: >999MΩ at 500V dc (Initial).
Contact Resistance	: <20mΩ (Initial).
Operating Torque (Nominal)	: 7.2cNm.
End Stop Torque (Nominal)	: 1.2Nm.
Wafer	: Polyphenylene Sulphide (PPS).
Housing	: Zinc Alloy Bright Zinc Plated.
Contact/Terminal Material	: Brass CZ108 Ag Plated.
Spindle	: Mild Steel Zn Plated and Passivated.

Spindle Diameter (A)	Spindle Length (B)	Bush Thread (C)	Spindle Flat (F)
6.0	50	M10 x 0.75	5.0

Dimensions : Millimetres



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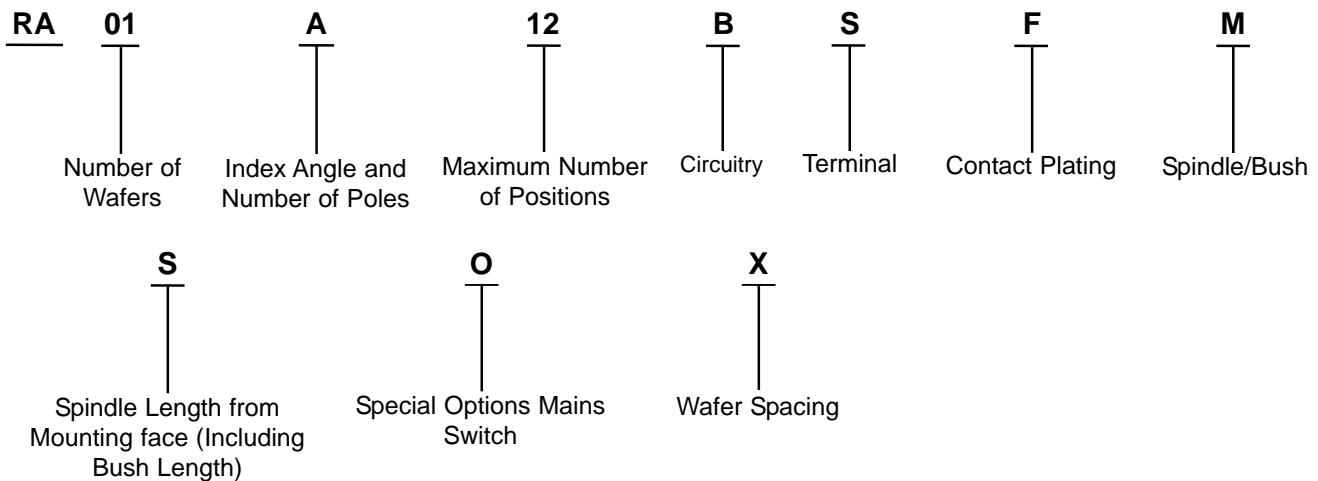
## Non-Shorting



### Part Number Table

Description	Part Number
Switch, Rotary, 1 Pole, 12 Positions	RA01A12BSFMSOX
Switch, Rotary, 2 Pole, 6 Positions	RA01B06BSFMSOX
Switch, Rotary, 3 Pole, 4 Positions	RA01C04BSFMSOX
Switch, Rotary, 4 Pole, 3 Positions	RA01D03BSFMSOX

### Part Number Explanation:



#### Number of Wafers

#### Index Angle and Number of Poles

#### Maximum Number of Positions

#### Circuitry

#### Terminal

#### Contact Plating

#### Spindle/Bush

#### Spindle Length from Mounting face (Including Bush Length)

#### Special Options Mains Switch

#### Wafer Spacing

: 01 = 1 Wafer.

: A = 30° 1Pole, B = 30° 2, C = 30° 3, D = 30° 4.

: 12 = 12, 06 = 6, 04 = 4, 03 = 3 Positions.

: B = BBM.

: S = Solder Clips.

: F = Gold Flash (0.2μ).

: M = φ6mm M10 x 0.75.

: S = 50 No Flat.

: O = None.

: X = Self Stacked.



# Rotary Switches

## Non-Shorting



### Notes:

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