

Rotary Switches

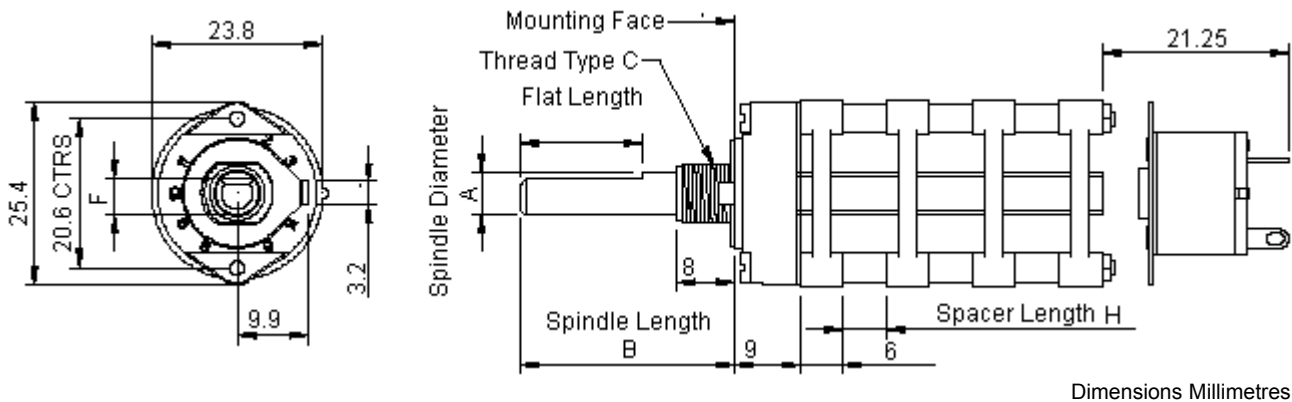


Non - Shorting



Features:

- Made in UK
- 25.4 mm 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



General Electrical and Mechanical Specifications

Switch Rating	: 150 mA at 250 V ac / dc 350 mA at 110 V ac / dc 1 A at 12 V ac / dc
Life	: >10,000 Cycles
Operating Temperature	: -30 °C to +85 °C
Proof Voltage	: 1,000 V ac (Initial)
Insulation Resistance	: >999 MΩ at 500 V dc (Initial)
Contact Resistance	: >20 mΩ (Initial)
Operating Torque (Nominal)	: 7.2 cNm
End Stop Torque (Nominal)	: 1.2 Nm
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	50	M10 × 0.75	5

Dimensions Millimetres



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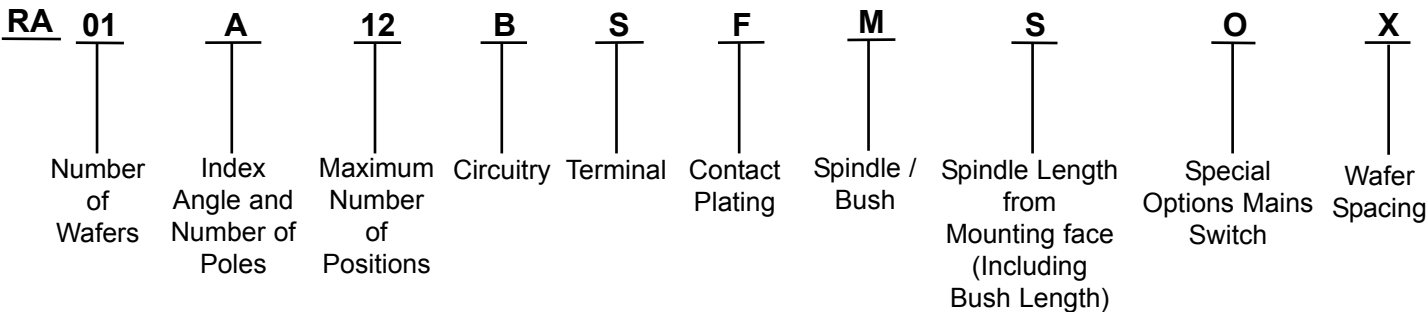


Non - Shorting

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° 1 Pole, 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 (0.2 µ)
: M = Ø6 mm M10 × 0.75
: S = 50 No Flat
: O = None
: X = Self Stacked

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