

Rotary Switches

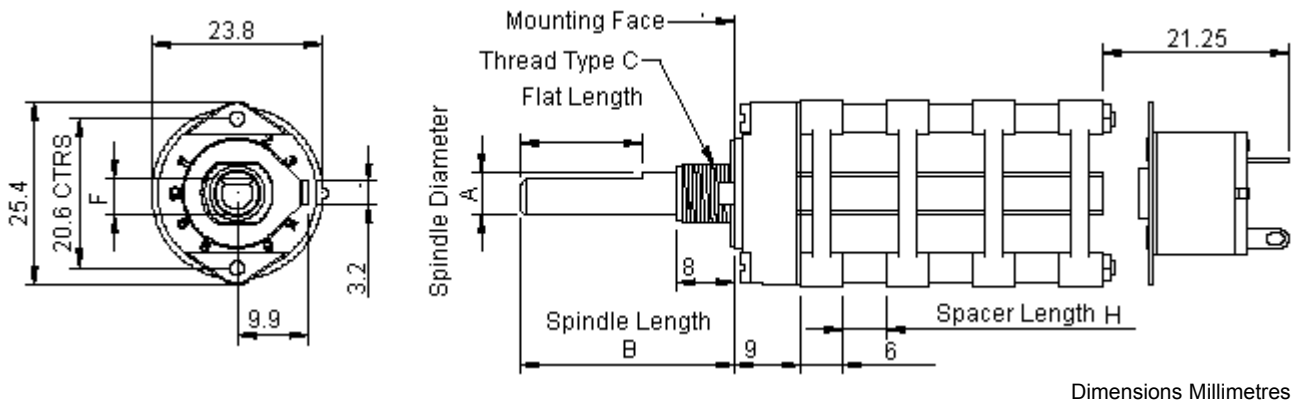


Non - Shorting



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



Rotary Switches

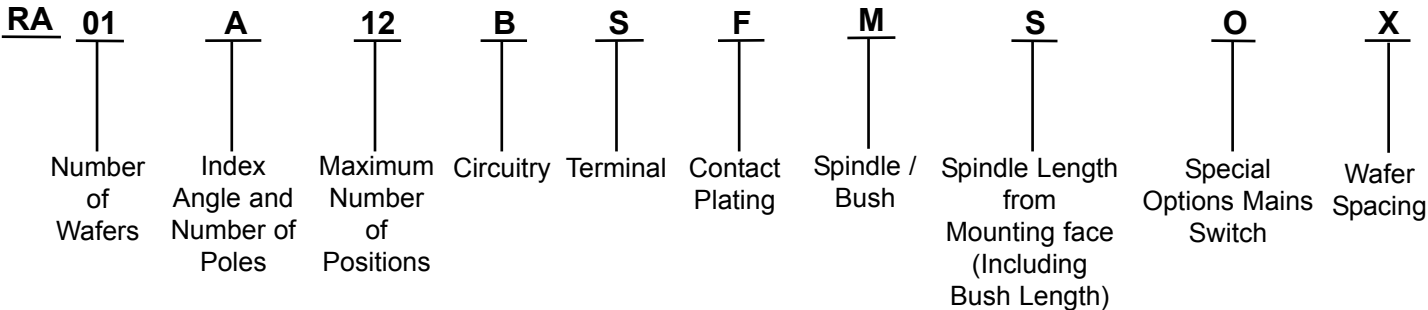


Non - Shorting

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.