



Blore Edwards Rotary Wafer Switches –BE12

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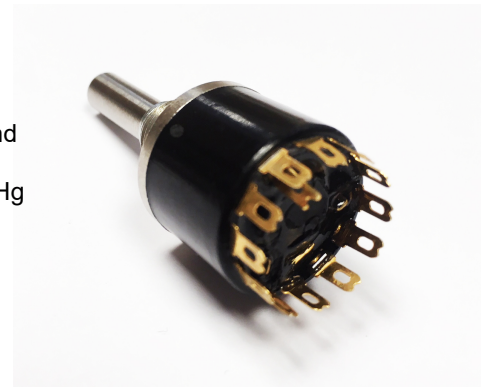
General characteristics of TYPE BE 12 MINIATURE ROTARY SWITCH

The Type BE12 Miniature Rotary Switch is newly launched commercial version of our Mil-Spec Type MBK. It features many of the intrinsic qualities of that enclosed switch but is only available unsealed

Electrical Specification

Maximum working voltage 300V ac (rms) or dc peak

Switch Resistance	Less than 5 milliohms
Insulation Resistance	>than 1000Megohm at 500V dc 900 V dc normal temperature and pressure
Voltage Proof	450 V dc low air density 70mm Hg
Switch Breaking Capacity	50mA/300V dc or ac peak 500mA/30V dc/ac rms
Current Carrying Capacity	2 Amp



Switching Combinations

POLES	POSITIONS
	TYPE BE12
Single Pole	2 to 12 7 8 9 10 11 12
Two Pole	2 3 4 5 6
Three Pole	2 3 4
Four Pole	2 3

Mechanical Specification

Operating torque: 10.5 to 24.5 Ncm

End stop torque: 1.12 Nm

Index mechanism: Twin balls and index wheel

Index angle: 30° Indexing

Spindle: Diameter 6 or 6.35mm standard (4mm and 3.18mm available)

Lengths are 25.4 FMF standard but customers individual requirements are available on request.

Contacts: Moving contacts: Silver plated beryllium copper

Fixed contacts: Silver plated brass

Pole contacts: Silver/Phosphor bronze bi-metal.

Housing: Phenolic

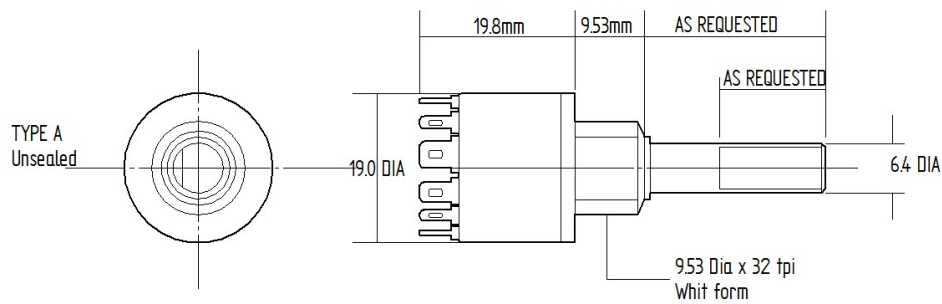
Hardware: Locknut and internal tooth shakeproof washer

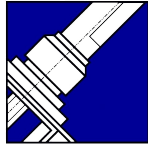
Spindle: Stainless Steel 1/4" or 6mm as standard. 4mm and 3.2mm diameter available

Bushing: Nickel plated brass 3/8" x 3/8" as standard. Other forms available on request

TYPE BE12

Dimensions in millimetres





Blore Edwards Rotary Wafer Switches –MBK

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General characteristics of TYPE MINIBANK (Miniature Rotary Switch)

The Type Minibank Miniature Rotary Switch is well proven for professional and military applications and is available in three models to suit various environmental conditions:

TYPE A: unsealed

TYPE B: fully sealed

TYPE C: spindle and panel sealed, switch body ventilated.

Type C is approved to MOD Spec Def 5154 Style SR1

Electrical Specification

Maximum working voltage 300V ac (rms) or dc peak

Switch Resistance	Less than 5 milliohms
Insulation Resistance	>than 1000Megohm at 500V dc 900 V dc normal temperature and pressue
Voltage Proof	450 V dc low air density 70mm Hg
Switch Breaking Capacity	50mA/300V dc or ac peak 500mA/30V dc/ac rms
Current Carrying Capacity	2 Amp

Switching Combinations

POLES	POSITIONS	TYPE C NATO STOCK NUMBERS	
		Shorting	Non-Shorting
	TYPES A, B and C		
Single Pole	2 to 12		
	7	5930-99-051-0401	5930-99-051-0440
	8	5930-99-051-0402	5930-99-051-0441
	9	5930-99-051-0403	5930-99-051-0442
	10	5930-99-051-0404	5930-99-051-0443
	11	5930-99-051-0405	5930-99-051-0444
	12	5930-99-051-0406	5930-99-051-0445
Two Pole	2	5930-99-051-0410	5930-99-051-0450
	3	5930-99-051-0411	5930-99-051-0451
	4	5930-99-051-0412	5930-99-051-0452
	5	5930-99-051-0413	5930-99-051-0453
	6	5930-99-051-0414	5930-99-051-0454
Three Pole	2	5930-99-051-0420	5930-99-051-0460
	3	5930-99-051-0421	5930-99-051-0461
	4	5930-99-051-0422	5930-99-051-0462
Four Pole	2	5930-99-051-0430	5930-99-051-0470
	3	5930-99-051-0431	5930-99-051-0471

Mechanical Specification

Operating torque: 10.5 to 24.5 Ncm

End stop torque: 1.12 Nm

Index mechanism: Twin balls and index wheel

Index angle: 30° Indexing

Spindle: Diameter 6 or 6.35mm

Lengths are 25.4 FMF standard but customers individual requirements are available on request.

Contacts: Moving contacts: Silver plated beryllium copper

Fixed contacts: Silver plated brass

Pole contacts: Silver/Phosphor bronze bi-metal.

Housing: Phenolic

Hardware: TYPE A - locknut and internal tooth shakeproof washer

TYPE B - locknut and flat washer

TYPE C - locknut and spring locking washer

TYPE MBK

Dimensions in millimetres

