



# 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

