Panel Potentiometers



20mm carbon element

Key features

- spst, dpst, changeover switches available
- diecast or plastic bush available
- dual gang and dual concentric styles
- custom design available
- audio and linear laws
- mounting bracket
- eyelet or pc terminations
- plastic shafts up to 50mm



type 23 series

A very popular range of 20mm diameter potentiometers, the 23 Series can be tailored to suit more specific requirements. The potentiometers are available with a printed carbon resistance element, a choice of bush lengths in metal or plastic and insulated shafts up to 50mm in length.

Potentiometers

Specification

Electrical

Resistance Range: 1K to 1M (Linear) - 4K7 to 470K (Non-Linear)

1, 2.2 and 4.7 in each decade Resistance Values: Resistance Tolerance: \pm 20% (\pm 10% by selection)

Power Rating at 20°C: 0.4 Watts (Linear) - 0.2 Watts (Non-Linear)

Limiting Element Voltage: 500V DC or AC RMS

Electrical Rotation: 267° without switch, 232° with switch

Terminal Resistance: 5 ohms maximum

Noise (ENR): 2% maximum (Linear) - 3% maximum (Non-Linear)

Insulation Resistance: 4G ohms minimum Voltage Proof: 1000V AC Peak

Mechanical

End Stop Torque: 800 mNm

Staring Torque: 15mNm maximum 300° nominal Mechanical Adjustment:

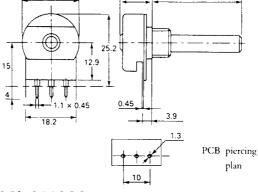
Environmental

25/70/04 Climatic Category: Rotational Life: 15,000 cycles

Load Life: ΔR <15% after 8 days @ 32°C RH 82%

Dimensions

Type 23



12.9 0.65 × 1.1

Type 24

sales action desk (01793) 611666 sales fax line (01793) 611777

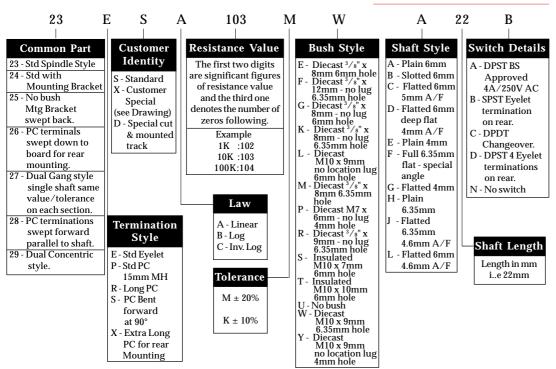
20mm carbon element

Dimensions (Cont...) Type 25 Type 26 9.6 10.7 23.1 12.9 0.45×1.1 PCB piercing plan **Type 27 Type 28** 10.7 12.9 129 0:45 × 1.1 Type 29 witched Types

type 23 series

In addition, the 23 Series includes a range of switches which are BS415 approved for both mains and low current, which can be offered as a standard feature. We can also supply "changeover" switches for specific applications. The 23, is truly your flexible friend.

How To Order



Potentiometers

Please Request Full Data Sheet F0151

DIY Design

Where volumes are appropiate, the 23 Series can be customised to suit your individual requirements with features such as detent action, track centre tap etc.... Please call our technical sales team to discuss variations on these 20mm diameter devices.

