

HOBUT

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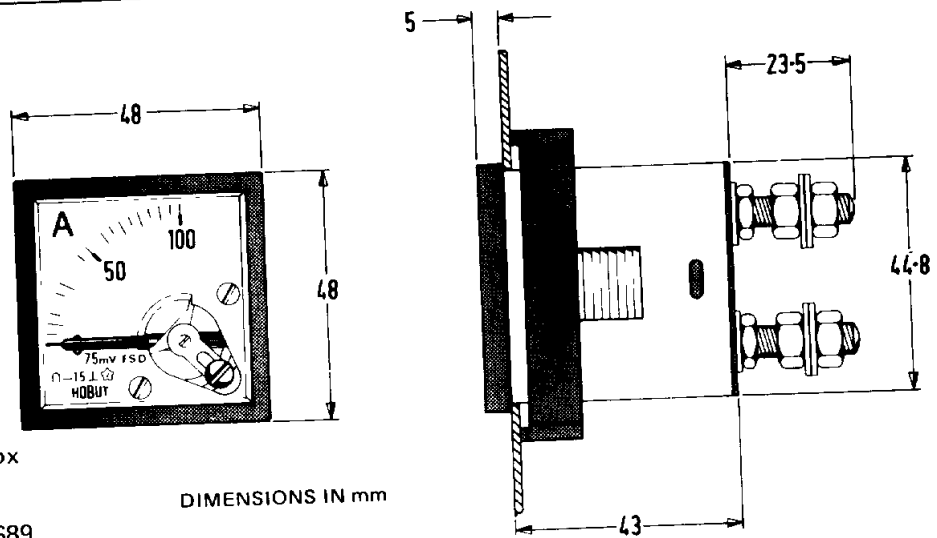
Howard Butler Limited DIN 48 Range

Self Contained Ranges			Burden	Normal Accuracy	Overload
D48SD	Moving Iron	50mA to 40A 5V to 600V	1 2VA max (1A & 5A 0.6VA) 5VA typical for 400V	1.5 1.5	20% for
D48	Moving Coil	1mA to 50A 50mV to 800V	0.08mW (Shunt op) 0.4VA for 400V (i.e. 1000 Ω /V)	1.5 1.5	2 Hrs

Other ranges available with external accessories

Frequency meters, wattmeters and power factor indicators available with external transducers

Nominal Dimensions



Scale Length 42mm approx
Terminals M6
Panel Cut-out 45mm sq
Manufactured to I E C 51/BS89
Dial marking to DIN 43802

DIMENSIONS IN mm

Cases

Correspond to DIN 43700 and 43718 moulded in thermoplastic materials and can be sealed to IP 54

Panel fixing is by a single moulded panel clip employing a ratchet mechanism for quick installation

Meters can be slot mounted in the horizontal plane

Movements

Moving iron with silicone fluid damping for measurement of a.c. or d.c.

Moving coil for measurement of d.c. and with our transducers to measure power factor, frequency, watts etc

Ambient temperature

Calibrated at 20°C but suitable for temperature range from -25°C to +40°C

Available Extras

- | | |
|--|---|
| 1 Adjustable red secondary pointer | 3 Tropical sealing |
| 2 Overload scales on moving iron instruments | 4 Special dial markings to customers requirements |

Ordering Details

- | | | |
|---|--------------------------------|-----------------------|
| 1 Moving iron or moving coil a.c. or d.c. measurement | 3 Scalings required | 5 Climatic conditions |
| 2 Whether an external shunt or C.T. is to be used | 4. Material and gauge of panel | |

Our policy is one of continuous development and therefore specifications in this literature may be changed without notice.