

APM489-72 Moving Iron Meter

Moving Iron meters suitable for measurement of true rms AC current or voltage.

Accuracy: Class 1.5 ($\pm \leq 1.5\%$ max error)

Technical Specification

Input - Current

0-0.5A up to 0-100A direct connected,
0-1A or 0-5A CT operated

Input - Voltage

0-100V up to 0-800V Direct Connected

Burden

Ammeter: <1VA, Voltmeter: <3VA

Display

Scales are non linear and calibrated down to 20% of full scale. Scaleplates are available in **A** (with 2x,6x or no Overload scales) or **V** as standard. % or any other special ranges are available on request, in shortscale (90° sweep) & longscale (240° sweep) options.

Additional options:

3x, 4x or 5x Overload scaling available on shortscale ammeters
Red Line(s) available, marked at any point(s) on the scale.
Coloured sector(s) available on the scale (Red/ Yellow/ Green).
Adjustable Red Pointer is available on shortscale meters.

Panel Fixing Details

The customer panel cut out hole needs to be 68mm square with the enclosure held into the panel by clamps supplied. The customers panel must be no more than 9mm thick. Termination is via 2 stud connectors.

Vibration/Seismic Qualification

min vibration of ± 0.25 mm amplitude at a frequency of 50Hz, corresponding to an acceleration equal to 2.5 g, in three perpendicular axes for 20 minutes.

Environmental Conditions

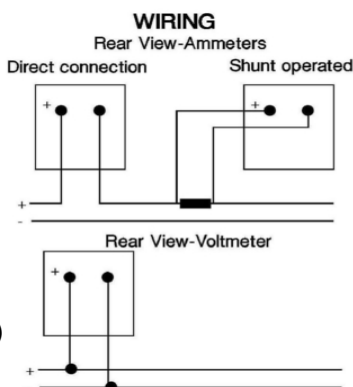
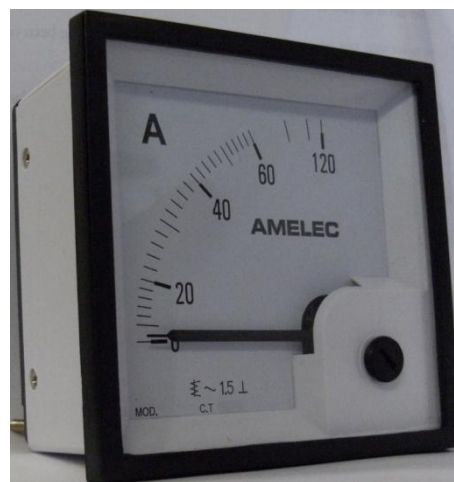
Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C

Dimensions / Enclosure

Front Bezel size: 72 x 72 mm (Cut-out Size: 68 x 68 mm)
Depth: ≤ 60 mm including terminals / terminal cover
Flame retardant white ABS plastic case with black bezel.
Case IP52 (IP65) to IEC529 and BS5490
Weight: <200g

IP rating:

IP54 Front of Panel as standard. (IP65 Front seal optional)
IP65 All round sealing also optional if required (including sealed lens, 'O' rings on zero/pointer adjustments & gasket to seal against panel.



Dimensions (mm)

