

APM489-48 Moving Iron Meter

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

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

Technical Specification

Input - Current

0-50uA to 0-40A direct connected
0-1A or 0-5A CT operated

Input - Voltage

0-100V to 0-800V Direct Connected

Display

Scales are non linear and calibrated down to 20% of full scale.
Scaleplates are available in A or V as standard, % or any other ranges available on request;
Available in shortscale (90° sweep) only

Burden

Ammeter: <1VA, **Voltmeter:** <3VA

Customer Termination

The customer gains entry at the rear via 2 stud connectors.

Panel Fixing Details

The customer panel cut out hole needs to be 45mm square with the enclosure held into the panel by clamp.
The customers panel must be no more than 12mm thick.

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

Bezel size: 48 x 48 mm
Cut-out Size: 45 x 45 mm
Depth: 60mm including terminals
IP rating: IP54 Front of panel (IP65 option available)

Enclosure

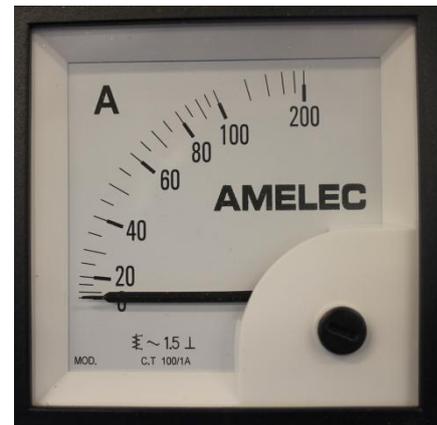
Weight: <200g

Flame retardant white ABS plastic case with black bezel.
Case IP52 (IP65) to IEC529 and BS5490

Note: Unit should only be removed from its enclosure from the front

Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ



Dimensions (mm)

