

COMPACT CLAMP METER TRUE-RMS 600AAC/DC CATIII 600



Part No. BM079

The Brymen BM079 is a new generation, accurate AC/DC 600A current clamp with numerous features and a very high safety rating.

- 3 5/6 digit, 6000
- CATIII 600V
- True-RMS measurement
- Peak-RMS inrush current 80ms
- AmpTip™ low current range
- EF detection (NCV) and probe contact
- 3 Phase rotation detection (supply and motor)
- Data hold and relative zero
- Min/Max/Avg recording
- Backlight LCD
- Diode test
- APO idle after 32 minutes
- Temperature type-K thermocouple
- Jaws 35mm cable with AmpTip™ facility

CAT III
600V

CAT IV
300V

EA QTY 1

Compliance and Safety IEC/EN61010-2-032 1st & 3rd Ed. CATIII 600V

Contents Each BM079 is supplied in a gift box with operating manual, soft carry bag, batteries, thermocouple with plug and test leads.

Dimensions L223 × W76 × T37mm

Batteries 2 x 1.5 AA size

Weight 234g

Spare Leads AL04RBY
Set of 3 leads, red white black with crocodile clips and safety covers, CATIV 1kV (CATIII1kV without cover). Crocodile Clips rates CATIV600V.

| Feature | Range | Accuracy |
|--------------------|--|---|
| AC Current | 60.00A, 600.0A | ±2% + 5 (+10 < 9A) |
| DC Current | 60.00A, 600.0A (50 – 100Hz) | ±2% + 5 (+10 < 9A) |
| AC+DC Current | 60.00A, ^00.0A (50Hz – 100 Hz) | ±2% + 7 |
| AmpTip™ Current | 60.0A AC (50Hz – 100Hz) 60.0A DC 60.00A ACA+DCA (DC, 50Hz – 100Hz) | ±1.5% + 5 ±2.0% + 5 ±2.2% + 7 |
| DC Voltage | 600.0V | ±1% + 5 |
| AC Voltage | 600.0V @ 50 – 60 Hz | ±1.2%+ 7 |
| AC+DC Voltage | 600.0V (DC, 50Hz – 60Hz) | ±1.2% + 7 |
| Resistance | 600.0Ω, 6.000kΩ, 60.00kΩ | ±1% + 5 |
| Capacitance | 200.0μF, 2500μF | ±2% + 4 |
| Temperature | -40.0° to 99.9° C 100° to 400° C | ±1% + 0.8° C ±1% + 1° C |
| DCμA | 200.0μA, 2000μA (Burden Voltage +3.5mV/μA) | ±1% + 5 |
| Frequency | 600V (5Hz – 999.9Hz) 60A AmpTip™ (50Hz – 400 Hz) 60A, 600A (50Hz – 400Hz) | ±1% + 5 |
| EF-Detection (NCV) | Range (Tolerance) 20V (10V – 36V) 55V (23V – 83V) 110V (59V – 165V) 220V (124V – 330V) 440V (250V – 600V) | LCD Bar Indication - -- --- ---- ----- |

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.