

Press Release



FOR IMMEDIATE RELEASE

June 20, 2012

AEMC® Introduces the **NEW** Digital Multimeter Models 5231 & 5233

The Multimeter Models 5231 and 5233 are rugged, economical TRMS digital multimeters with a non-electrical contact testing (NCV) function for detecting live electrical circuits (the display turns red). These multimeters are designed for safety: IEC61010 600V CAT IV. The Models 5231 and 5233 provide a Volt, Ohm, Continuity and Diode function. The Model 5233 also has a Capacitance, Frequency, Duty Cycle and Ammeter function. They both include an AC voltmeter function with low input impedance that is capable of finding ghost voltages by adding a burden to the circuit. The Model 5231 performs AC/DC direct reading current measurements up to 600A with a current clamp accessory plugged in, while the Model 5233 can measure up to 10A directly and can measure temperature in both °C or °F using K-type thermocouples.

The rotary function switch provides two OFF positions (OFF and OFF NCV). While in the OFF NCV position, the display will turn red if placed close to a live cable, providing a safe and easy way to detect hot wires. These meters have a high sensitivity with a resolution of 0.01mV and can withstand overloads up to 8000V.

These multimeters are ideal for electrical installers, electricians and heating or air-conditioning specialists.

FEATURES:

- Non-electrical contact detection of network voltage (NCV Function)
- High sensitivity with a resolution of 0.01mV
- AC voltmeter with low input impedance for detecting ghost voltages
- AC/DC voltmeter with high input impedance (voltage measurements for electronics)
- Ohmmeter, Continuity test with buzzer and Diode test functions
- Capacitance, Frequency and Duty Cycle measurements (Model 5233)
- Ammeter (measurement using clamp-on current probes - Model 5231)
- Withstands overloads up to 8000V
- V_{LowZ} function detects the presence of ghost voltage by placing a burden on the circuit
- Multi-position mounting for a hands-free work environment
- IEC/EN 61010-1, 1000V CAT III, 600V CAT IV



Cat. #2125.64 - Model 5231.....Price: \$79
(TRMS, 6000-cts, V, AC/DC, OHM, CT, NCV)

Cat. #2125.65 - Model 5233.....Price: \$99
(TRMS, 6000-cts, V, A, AC/DC, CAP, OHM, T, NCV)

APPLICATIONS:

- General purpose testing
- Detect loose electrical wiring
- Detect live circuits
- Temperature checking (Model 5233)

SUBMITTED BY:

Kathleen Annis, *Marketing Communications Manager*
AEMC® Instruments • 200 Foxborough Blvd. • Foxborough, MA 02035-2872
(508) 698-2115 • (508) 698-2118 (fax) • marketing@aemc.com

TECHNICAL CONTACT:

Ray Brady, *Technical Engineer*
(800) 343-1391 (X350)
techsupport@aemc.com

