

# AMP-300 Series

## Motor Maintenance TRMS Clamp Meters

### The Modern Evolution of the Professional Clamp Meter

Amprobe's AMP-300 Series True-RMS Clamp Meters offer a complete range of measuring functions for modern industrial environments, motor testing and HVAC applications. All models feature True-RMS sensing, low pass filters and fast response processors for quick, error-free measurements. The Amp-Tip function allows for precise measurement of current down to the tenth of an Amp, and a third input jack enables motor rotation and 3-phase sequence testing.

### AMP-300 Series Features

- **True-RMS**
- **Motor Testing Capabilities**
  - Motor rotation
  - 1 and 3-phase sequence testing
  - Inrush current monitoring during motor start-up
- **HVAC Features**
  - Temperature measurement; User selectable °F or °C
  - DC Microamps for flame sensor testing
  - Capacitance measurement for start and run motor capacitors
- **Amp-Tip Function**
- **Low Pass Filter** for variable frequency drives
- **Safety Rated:**
  - CAT III 600 V (AMP-310, AMP-320)
  - CAT IV 600 V, CAT III 1000 V (AMP-330)



**AMP-310**  
AC Clamp Meter  
HVAC



**AMP-320**  
AC/DC Clamp Meter  
Electrical Motor  
Maintenance



**AMP-330**  
AC/DC 1000 A Clamp Meter  
Industrial Motor  
Maintenance

## AMP-300 Series Product Details

### True-RMS

for accurate voltage measurements in noisy environments.

### Low pass filter

for current and voltage measurements on variable frequency drives.

### Amp-Tip function

for precise low-current measurement of small diameter wires down to 0.1 Amp to help with electrical system troubleshooting.

### Non-contact voltage detection (NCV)

### Audible continuity and diode test

### Data hold, relative zero, MAX/MIN/AVG mode

### Large LCD backlit display

### Safety rated

 CAT III 600 V  
(AMP-310, AMP-320)

  CAT IV 600 V  
CAT III 1000 V  
(AMP-330)

### Measurements:

| Model         | AMP-310           | AMP-320           | AMP-330                        |
|---------------|-------------------|-------------------|--------------------------------|
| Safety Rating | CAT III 600 V     | CAT III 600 V     | CAT IV 600 V<br>CAT III 1000 V |
| Voltage       | Up to 600 V AC/DC | Up to 600 V AC/DC | Up to 1000 V AC/DC             |
| AC Current    | Up to 600 A       | Up to 600 A       | Up to 1000 A                   |
| DC Current    | –                 | Up to 600 A       | Up to 1000 A                   |
| Frequency     |                   | 5 to 999 Hz       |                                |
| Resistance    |                   | 0 to 60 kΩ        |                                |
| Capacitance   |                   | 0.0 to 2500 μF    |                                |
| Temperature   | •                 | •                 | •                              |



## AMP-300 Series Applications

- **Accurate measurement of current, voltage and frequency** on all electrical systems including distorted, non-sinusoidal signals (True-RMS function) and variable frequency drives (low pass filter).
- **Capacitance measurement** for start and run motor capacitors.
- **Resistance and continuity** functions to verify quality of electrical connections and to check if motor and transformer coils are working properly.
- **3-phase Motor and Phase Rotation**  
Tests allow proper connection of a motor to a 3-phase system. Improperly connected motors will spin in a reverse direction, which may destroy the motor or equipment connected to it.
- **Low Pass filter** allows measurement of current and voltage on variable frequency drives (motors with speed controlled by frequency). Without this feature, the meter would provide erroneous readings when measuring voltage and current.
- **DC Microamps** output for measurement of flame sensors. Test the proper operation of the flame sensor safety system in gas appliances. A broken sensor in a gas appliance will prevent the safety valve from opening and the appliance will not work.
- **Inrush current measurement** for motor start-up monitoring, allowing users to verify that the motor is receiving the required inrush current to support proper motor start.



AMP-310 AC Clamp Meter HVAC



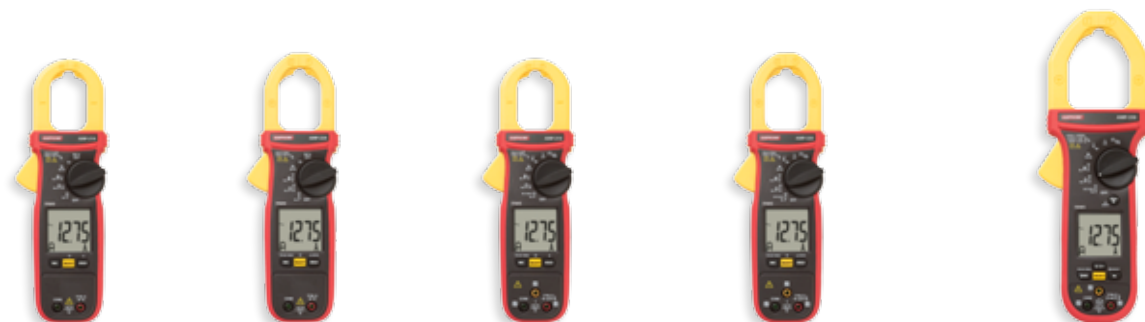
AMP-320 AC/DC Clamp Meter  
Electrical Motor Maintenance



AMP-330 AC/DC 1000 A Clamp Meter  
Industrial Motor Maintenance

# Detailed Specifications

| Model                                                                                    | AMP-210                                                                                                                                                      | AMP-220                                                                                                                    | AMP-310                                                                                                                                                                                                                                                                                                                                                                         | AMP-320                                                                                                                    | AMP-330                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                          | AC Clamp Meter<br><b>Electrical</b>                                                                                                                          | AC/DC Clamp Meter<br><b>Electrical</b>                                                                                     | AC Clamp Meter<br><b>HVAC</b>                                                                                                                                                                                                                                                                                                                                                   | AC/DC Clamp Meter<br><b>Electrical Motor Maintenance</b>                                                                   | AC/DC 1000 A Clamp Meter<br><b>Industrial Motor Maintenance</b>                                                                                                                                                                                                                               |
| Safety Rating                                                                            | CAT III 600 V                                                                                                                                                | CAT III 600 V                                                                                                              | CAT III 600 V                                                                                                                                                                                                                                                                                                                                                                   | CAT III 600 V                                                                                                              | CAT IV 600 V, CAT III 1000 V                                                                                                                                                                                                                                                                  |
| Jaw Opening                                                                              | 1.18 in (30 mm)                                                                                                                                              | 1.37 in (35 mm)                                                                                                            | 1.18 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                 | 1.37 in (35 mm)                                                                                                            | 2.0 in (51 mm)                                                                                                                                                                                                                                                                                |
| AC Voltage (True-RMS)                                                                    | Range: 0 to 600.0 V<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (50 to 60 Hz)                                                                                     |                                                                                                                            | Range: 0 to 600.0 V<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (50 to 60 Hz)                                                                                                                                                                                                                                                                                                        |                                                                                                                            | Range: 0 to 1000 V<br>Accuracy: $\pm 0.8\% + 5\text{LSD}$ (50 to 60 Hz)<br>$\pm 1.5\% + 5\text{LSD}$ (20 to 200 Hz)<br>$\pm 10\% + 5\text{LSD}$ (200 to 400 Hz)                                                                                                                               |
| DC Voltage                                                                               | Range: 0 to 600.0 V<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$                                                                                                   |                                                                                                                            | Range: 0 to 600.0 V<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$                                                                                                                                                                                                                                                                                                                      |                                                                                                                            | Range: 0 to 1000 V<br>Accuracy: $\pm 0.8\% + 5\text{LSD}$                                                                                                                                                                                                                                     |
| AC+DC Voltage                                                                            | –                                                                                                                                                            | Range: 0 to 600.0 V<br>Accuracy: $1.2\% \pm 7\text{LSD}$ (DC, 50 to 60 Hz)                                                 | –                                                                                                                                                                                                                                                                                                                                                                               | Range: 0 to 600.0 V<br>Accuracy: $1.2\% \pm 7\text{LSD}$ (DC, 50 to 60 Hz)                                                 | Range: 0 to 1000 V<br>Accuracy: $\pm 1.0\% + 7\text{LSD}$ (50 to 60 Hz)<br>$\pm 1.8\% + 7\text{LSD}$ (DC, 40 to 200 Hz)<br>$\pm 12\% + 7\text{LSD}$ (200 to 400 Hz)                                                                                                                           |
| AC Current (True-RMS)                                                                    | Range: 0 to 600.0 A<br>Accuracy: $\pm 1.8\% + 5\text{LSD}$ (50 to 100 Hz)<br>$\pm 2.0\% + 5\text{LSD}$ (100 to 400 Hz)                                       |                                                                                                                            | Range: 0 to 600.0 A<br>Accuracy: $\pm 1.8\% + 5\text{LSD}$ (50 to 100 Hz)<br>$\pm 2.0\% + 5\text{LSD}$ (100 to 400 Hz)                                                                                                                                                                                                                                                          |                                                                                                                            | Range: 0 to 1000 A<br>Accuracy: $\pm 1.8\% + 5\text{LSD}$ (40 to 100 Hz)<br>$\pm 2.2\% + 5\text{LSD}$ (100 to 400 Hz)                                                                                                                                                                         |
| DC Current                                                                               | –                                                                                                                                                            | Range: 0 to 600.0 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$                                                                 | –                                                                                                                                                                                                                                                                                                                                                                               | Range: 0 to 600.0 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$                                                                 | Range: 0 to 1000 A<br>Accuracy: $\pm 1.8\% + 5\text{LSD}$                                                                                                                                                                                                                                     |
| AC+DC Current                                                                            | –                                                                                                                                                            | Range: 0 to 600.0 A<br>Accuracy: $\pm 2.2\% + 7\text{LSD}$ (DC, 50 to 100 Hz)<br>$\pm 2.7\% + 7\text{LSD}$ (100 to 400 Hz) | –                                                                                                                                                                                                                                                                                                                                                                               | Range: 0 to 600.0 A<br>Accuracy: $\pm 2.2\% + 7\text{LSD}$ (DC, 50 to 100 Hz)<br>$\pm 2.7\% + 7\text{LSD}$ (100 to 400 Hz) | Range: 0 to 1000 A<br>Accuracy: $\pm 2.2\% + 7\text{LSD}$ (DC, 40 to 100 Hz)<br>$\pm 2.5\% + 7\text{LSD}$ (100 to 400 Hz)                                                                                                                                                                     |
| Precise Low Current AC                                                                   | Range: 0 to 60.00 A<br>Accuracy: $\pm 1.5\% + 5\text{LSD}$ (50 to 60 Hz)                                                                                     |                                                                                                                            | Range: 0 to 60.00 A<br>Accuracy: $\pm 1.5\% + 5\text{LSD}$ (50 to 60 Hz)                                                                                                                                                                                                                                                                                                        |                                                                                                                            | Range: 0 to 60.00 A<br>Accuracy: $\pm 1.5\% + 5\text{LSD}$ (0.00 to 20.00 A, 40 to 100 Hz)<br>$\pm 2.0\% + 5\text{LSD}$ (0.00 to 20.00 A, 100 to 400 Hz)<br>$\pm 3.0\% + 5\text{LSD}$ (20.00 to 60.00 A, 40 to 100 Hz)<br>$\pm 3.0\% + 5\text{LSD}$ (20.00 to 60.00 A, 100 to 400 Hz)         |
| Precise Low Current DC                                                                   | –                                                                                                                                                            | Range: 0 to 60.00 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$                                                                 | –                                                                                                                                                                                                                                                                                                                                                                               | Range: 0 to 60.00 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$                                                                 | Range: 0 to 60.00 A<br>Accuracy: $\pm 1.5\% + 5\text{LSD}$ (0.00 to 20.00 A)<br>$\pm 3.0\% + 5\text{LSD}$ (20.00 to 60.00 A)                                                                                                                                                                  |
| Precise Low Current AC+DC                                                                | –                                                                                                                                                            | Range: 0 to 60.00 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$ (DC, 50 to 60 Hz)                                               | –                                                                                                                                                                                                                                                                                                                                                                               | Range: 0 to 60.00 A<br>Accuracy: $\pm 2.0\% + 5\text{LSD}$ (DC, 50 to 60 Hz)                                               | Range: 0 to 60.00 A<br>Accuracy: $\pm 2.0\% + 7\text{LSD}$ (0.00 to 20.00 A, DC, 40 to 100 Hz)<br>$\pm 2.2\% + 7\text{LSD}$ (0.00 to 20.00 A, 100 to 400 Hz)<br>$\pm 3.0\% + 7\text{LSD}$ (20.00 to 60.00 A, DC, 40 to 100 Hz)<br>$\pm 3.0\% + 7\text{LSD}$ (20.00 to 60.00 A, 100 to 400 Hz) |
| Frequency                                                                                | Range: 5.00 to 999.9 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (600 V range)<br>Range: 50.0 to 400.0 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (600 A range) |                                                                                                                            | Range: 5.00 to 999.9 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (600 V range)<br>Range: 50.0 to 400.0 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (600 A range)                                                                                                                                                                                                                    |                                                                                                                            | Range: 5.00 to 999.9 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (1000 V range)<br>Range: 40.0 to 400.0 Hz<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$ (1000 A range)                                                                                                                                |
| Resistance                                                                               | Range: 0.0 to 60.00 k $\Omega$<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$                                                                                        |                                                                                                                            | Range: 0.0 to 60.00 k $\Omega$<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$                                                                                                                                                                                                                                                                                                           |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| Capacitance                                                                              | Range: 0.0 to 2500 $\mu\text{F}$<br>Accuracy: $\pm 2.0\% + 4\text{LSD}$                                                                                      |                                                                                                                            | Range: 0.0 to 2500 $\mu\text{F}$<br>Accuracy: $\pm 2.0\% + 4\text{LSD}$                                                                                                                                                                                                                                                                                                         |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| Continuity Beeper                                                                        | ON $\leq 10 \Omega$<br>OFF $> 250 \Omega$                                                                                                                    |                                                                                                                            | ON $\leq 10 \Omega$<br>OFF $> 250 \Omega$                                                                                                                                                                                                                                                                                                                                       |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| Non-Contact Voltage                                                                      | 20 to 440 V, 50/60 Hz                                                                                                                                        |                                                                                                                            | 20 to 440 V, 50/60 Hz                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| True-RMS                                                                                 | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Low Pass Filter                                                                          | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Autoranging                                                                              | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Relative Zero                                                                            | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| MAX/MIN/AVG                                                                              | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Diode Test                                                                               | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Data Hold                                                                                | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Backlight                                                                                | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Auto Power Off                                                                           | •                                                                                                                                                            | •                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| <b>300 Series:</b>                                                                       |                                                                                                                                                              |                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| DC Microamps                                                                             | –                                                                                                                                                            | –                                                                                                                          | Range: 0.0 to 2000 $\mu\text{A}$<br>Accuracy: $\pm 1.0\% + 5\text{LSD}$                                                                                                                                                                                                                                                                                                         |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| Temperature* (Type K thermocouple)<br>*Error does not include Type-K thermocouple errors | –                                                                                                                                                            | –                                                                                                                          | Range: -40.0 to 752°F, -40.0 to 400°C<br>Accuracy: -40.0 to 14.0°F ( $\pm 1.0\% + 3.0^\circ\text{F}$ ), $>14.0$ to 99.9°F ( $\pm 1.0\% + 1.5^\circ\text{F}$ )<br>100 to 752°F ( $\pm 1.0\% + 2^\circ\text{F}$ ), -40.0 to -10.0°C ( $\pm 1.0\% + 1.5^\circ\text{C}$ )<br>$>-10.0$ to 99.9°C ( $\pm 1.0\% + 0.8^\circ\text{C}$ ), 100 to 400°C ( $\pm 1.0\% + 1^\circ\text{C}$ ) |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| 3-Phase and Motor Rotation Indication                                                    | –                                                                                                                                                            | –                                                                                                                          | Rotation-R for mains supply<br>Rotation-M for motors                                                                                                                                                                                                                                                                                                                            |                                                                                                                            |                                                                                                                                                                                                                                                                                               |
| Inrush Current                                                                           | –                                                                                                                                                            | –                                                                                                                          | •                                                                                                                                                                                                                                                                                                                                                                               | •                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Peak Hold (Crest)                                                                        | –                                                                                                                                                            | –                                                                                                                          | –                                                                                                                                                                                                                                                                                                                                                                               | –                                                                                                                          | •                                                                                                                                                                                                                                                                                             |
| Work Light                                                                               | –                                                                                                                                                            | –                                                                                                                          | –                                                                                                                                                                                                                                                                                                                                                                               | –                                                                                                                          | •                                                                                                                                                                                                                                                                                             |



| Model                   | AMP-210                                                                                                                                         | AMP-220                                                                                                                                         | AMP-310                                                                                                                                         | AMP-320                                                                                                                                         | AMP-330                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Display                 | 3-5/6 digits 6000 counts                                                                                                                        | 3-5/6 digits 6000 counts                                                                                                                        | 3-5/6 digits 6000 counts                                                                                                                        | 3-5/6 digits 6000 counts                                                                                                                        | 3-5/6 digits 6000 counts                                                                                                                        |
| Polarity                | Automatic                                                                                                                                       | Automatic                                                                                                                                       | Automatic                                                                                                                                       | Automatic                                                                                                                                       | Automatic                                                                                                                                       |
| Update Rate             | 5 per second nominal                                                                                                                            | 5 per second nominal                                                                                                                            | 5 per second nominal                                                                                                                            | 5 per second nominal                                                                                                                            | 5 per second nominal                                                                                                                            |
| Operating Temperature   | 32 to 104°F (0 to 40°C)                                                                                                                         | 32 to 104°F (0 to 40°C)                                                                                                                         | 32 to 104°F (0 to 40°C)                                                                                                                         | 32 to 104°F (0 to 40°C)                                                                                                                         | 14 to 122°F (-10 to 50°C)                                                                                                                       |
| Relative Humidity       | 80% at 30°C, 50% at 40°C                                                                                                                        | 80% at 30°C, 50% at 40°C                                                                                                                        | 80% at 30°C, 50% at 40°C                                                                                                                        | 80% at 30°C, 50% at 40°C                                                                                                                        | Non condensing at ≤10°C<br>90% at 10 to 30°C<br>75% at 30 to 40°C<br>45% at 40 to 50°C                                                          |
| Operating Altitude      | 0 to 2000 m                                                                                                                                     | 0 to 2000 m                                                                                                                                     | 0 to 2000 m                                                                                                                                     | 0 to 2000 m                                                                                                                                     | 0 to 2000 m                                                                                                                                     |
| Pollution Degree        | 2                                                                                                                                               | 2                                                                                                                                               | 2                                                                                                                                               | 2                                                                                                                                               | 2                                                                                                                                               |
| Storage Temperature     | -4 to 140°F (-20°C to 60°C),<br>< 80% RH                                                                                                        | -4 to 140°F (-20°C to 60°C),<br>< 80% RH                                                                                                        | -4 to 140°F (-20°C to 60°C),<br>< 80% RH                                                                                                        | -4 to 140°F (-20°C to 60°C),<br>< 80% RH                                                                                                        | -4 to 140°F (-20°C to 60°C),<br>< 80% RH                                                                                                        |
| Temperature Coefficient | Nominal 0.15 x (specified accuracy)/ °C @ (0°C to 18°C or 28°C to 40°C)                                                                         | Nominal 0.15 x (specified accuracy)/ °C @ (0°C to 18°C or 28°C to 40°C)                                                                         | Nominal 0.15 x (specified accuracy)/ °C @ (0°C to 18°C or 28°C to 40°C)                                                                         | Nominal 0.15 x (specified accuracy)/ °C @ (0°C to 18°C or 28°C to 40°C)                                                                         | Nominal 0.10 x (specified accuracy)/ °C @ (0°C to 18°C or 28°C to 50°C)                                                                         |
| Battery                 | Two AAA 1.5 V battery                                                                                                                           | Two AAA 1.5 V battery                                                                                                                           | Two AAA 1.5 V battery                                                                                                                           | Two AAA 1.5 V battery                                                                                                                           | Two AA 1.5 V battery                                                                                                                            |
| EMC                     | Meets EN 61326-1:2006                                                                                                                           | Meets EN 61326-1:2006                                                                                                                           | Meets EN 61326-1:2006                                                                                                                           | Meets EN 61326-1:2006                                                                                                                           | Meets EN 61326-1:2006                                                                                                                           |
| Safety Compliance       | UL/IEC/EN 61010-1 ed. 3.0, IEC/EN 61010-2-033 ed. 1.0, CAN/CSA C22.2 NO. 61010-1 ed. 3.0, IEC/EN 61010-2-032 ed. 3.0 & IEC/EN 61010-031 ed. 1.1 | UL/IEC/EN 61010-1 ed. 3.0, IEC/EN 61010-2-033 ed. 1.0, CAN/CSA C22.2 NO. 61010-1 ed. 3.0, IEC/EN 61010-2-032 ed. 3.0 & IEC/EN 61010-031 ed. 1.1 | UL/IEC/EN 61010-1 ed. 3.0, IEC/EN 61010-2-033 ed. 1.0, CAN/CSA C22.2 NO. 61010-1 ed. 3.0, IEC/EN 61010-2-032 ed. 3.0 & IEC/EN 61010-031 ed. 1.1 | UL/IEC/EN 61010-1 ed. 3.0, IEC/EN 61010-2-033 ed. 1.0, CAN/CSA C22.2 NO. 61010-1 ed. 3.0, IEC/EN 61010-2-032 ed. 3.0 & IEC/EN 61010-031 ed. 1.1 | UL/IEC/EN 61010-1 ed. 3.0, IEC/EN 61010-2-033 ed. 1.0, CAN/CSA C22.2 NO. 61010-1 ed. 3.0, IEC/EN 61010-2-032 ed. 3.0 & IEC/EN 61010-031 ed. 1.1 |
| Certification           | UL (c/us) and CE                                                                                                                                | UL (c/us) and CE                                                                                                                                | UL (c/us) and CE                                                                                                                                | UL (c/us) and CE                                                                                                                                | UL (c/us) and CE                                                                                                                                |
| Dimensions (L x W x H): | 8.62 x 3.03 x 1.46 in<br>(219 x 77 x 37 mm)                                                                                                     | 8.82 x 3.03 x 1.46 in<br>(224 x 77 x 37 mm)                                                                                                     | 8.62 x 3.03 x 1.46 in<br>(219 x 77 x 37 mm)                                                                                                     | 8.82 x 3.03 x 1.46 in<br>(224 x 77 x 37 mm)                                                                                                     | 10.16 x 3.70 x 1.73 in<br>(258 x 94 x 44 mm)                                                                                                    |
| Weight:                 | 208 g (0.46 lb)                                                                                                                                 | 254 g (0.56 lb)                                                                                                                                 | 208 g (0.46 lb)                                                                                                                                 | 254 g (0.56 lb)                                                                                                                                 | 420 g (0.93 lb)                                                                                                                                 |

| Accessories Included:           |         |   |         |   |        |
|---------------------------------|---------|---|---------|---|--------|
| User's Manual                   | •       | • | •       | • | •      |
| Test Leads                      | •       | • | •       | • | •      |
| Carrying Case                   | •       | • | •       | • | •      |
| Batteries                       | AAA (2) |   | AAA (2) |   | AA (2) |
| Alligator Clip Set              | –       | – | •       | • | •      |
| Banana plug K-type Thermocouple | –       | – | •       | • | •      |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)