MA140/MA145 True RMS 300A Mini Clamp Meters + NCV

Choice of AC Current or AC/DC Current model with 0.8” (22mm) jaw size and high accuracy. Smart Auto Sense feature enables the MA145 to recognize the input (within a given function) and automatically switch to the correct mode of operation (i.e. AC to DC Current measurement). Built-in Non-Contact Voltage (NCV) Detector allows for quick detection of live voltage.

Features

• True RMS for accurate readings of noisy, distorted or non-sinusoidal waveforms
• Model MA140 — AC Current
• Model MA145 — AC/DC Current and Zero function for accurate DC measurements
• Compact 0.8” (22mm) jaw size accommodates conductors up to 300MCM and allows measurements in tight locations
• Unique Smart Auto Sense feature
• Low Pass Filter (LPF) for accurate measurement of variable frequency drive signals
• Built-in Non-Contact Voltage (NCV) detector
• Inrush current measurement
• 6000 count backlit LCD display
• Smart Data Hold: Audiovisual alert when a new reading exceeds 50 digits of a held reading
• Low battery indicator and Auto Power Off feature
• CAT III-600V safety rating
• Complete with carrying case and two LR44 batteries

Specifications

<table>
<thead>
<tr>
<th></th>
<th>MA140</th>
<th>MA145</th>
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</thead>
<tbody>
<tr>
<td>AC Current (max resolution)</td>
<td>60A, 300A (0.01A)</td>
<td>60A, 300A (0.01A)</td>
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<tr>
<td>DC Current (max resolution)</td>
<td>—</td>
<td>60A, 300A (0.01A)</td>
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<tr>
<td>Basic accuracy</td>
<td>±2.0%</td>
<td>AC: ±1.5%, DC: ±1.5%</td>
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<tr>
<td>Non-Contact Voltage (NCV)</td>
<td>80 to 600V</td>
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<tr>
<td>Dimensions</td>
<td>5.8x2.4x1.2&quot; (147x60x31mm)</td>
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<tr>
<td>Weight</td>
<td>4.9oz (140g)</td>
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</tbody>
</table>

Ordering

MA140  N........ True RMS 300A AC Mini Clamp Meter+NCV
MA145  N........ True RMS 300A AC/DC Mini Clamp Meter+NCV

N Indicates products that are available with optional calibration traceable to NIST. Order with -NIST after part number for product plus Calibration Certificate.

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