Event Recorders

CT87E Series

- 152 mm (6") Chart With 0.5" LED
- 4 Voltage/Current or 3 Event Modes
- Volt, Light and Sound Sensors Included
- 4 Recording Speeds
- All Front Panel Selectable
- Single or Continuous Chart Rotation
- Free Standing or Wall Mount

The CT87V is a precision instrument used to monitor and record voltage or current on a 152 mm (6") circular paper chart. A 3-digit LED displays the value. The CT87E is a highly versatile instrument, accurately records voltage, light or sound events. LED display can read length of events, time between events or total number of events. Battery backup assures normal operation during power interruptions. The unit can also be run from any 12 Vdc source (auto or marine).

Specifications
CT87V Model Range (Accuracy):
0 to 5.00 (±0.01 V); 0 to 100 mV (±1 mV)
0 to 20.0 mA (±0.1 mA), 4 to 20.0 mA (±0.1 mA)
CT87E Model Event Probes:
a) Volt: 2 wire clip leads for 24 to 270 Vac (50/60 Hz) or 24 to 180 Vdc
b) Light: A sensitive photo cell for 18 to 1900 lux ±20%
c) Sound: A sensitive audio transducer for 40 to 114 dB @ 1 kHz ±20% thresholds
Chart Speed Selectable:
6-hr, 24-hr, 7-day, 31-day

Chart Rotation Mode: Selectable, single turn or continuous
Chart Speed Accuracy: ±1%
Chart Diameter: 152 mm (6")
Display: 3-digit 13 mm (0.5") LED to display event interval in minutes, length of the event in minutes, and/or total number of events for CT87E or voltage/current value for CT87V
Ambient Operating Temperature: 0 to 60°C (32 to 140°F)
Ambient Operating Relative Humidity: 96% maximum

Primary Power Supply:
120 Vac, 50/60 Hz (220 to 240 Vac, 50/60 Hz optional)
Battery Backup: 8 "AA" alkaline batteries (included)
Battery Life: 48-hr continuous use
Recording Pen: Ink type
Case Size: 235 H x 184 W x 70 mm D (9¾ x 7¼ x 2¾")
Weight: 2.13 kg (4 lb, 7 oz)
Case Material: Polycarbonate

CT87E CT87V appearance is similar, except offers a 4 position range switch.

Extended Warranty Program
OMEGACARE® extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE® covers parts, labor and equivalent loaners.

To Order

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CT87V</td>
<td>Circular voltage/current recorder</td>
</tr>
<tr>
<td>CT87V-230</td>
<td>Circular voltage/current recorder, 230 Vac</td>
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<tr>
<td>CT87E</td>
<td>Circular event recorder</td>
</tr>
<tr>
<td>CT87E-230</td>
<td>Circular event recorder, 230 Vac</td>
</tr>
<tr>
<td>CT87EV-RP</td>
<td>Replacement voltage sensor</td>
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<tr>
<td>CT87EL-RP</td>
<td>Replacement light sensor</td>
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<tr>
<td>CT87ES-RP</td>
<td>Replacement sound sensor</td>
</tr>
<tr>
<td>CT87-PEN-BLACK</td>
<td>Replacement pen</td>
</tr>
<tr>
<td>CT87V-C(*)</td>
<td>Charts (60 pcs) for CT87V</td>
</tr>
<tr>
<td>CT87C(*)</td>
<td>Charts (60 pcs) for CT87E</td>
</tr>
<tr>
<td>MN1500</td>
<td>Spare “AA” batteries (pack of 2)</td>
</tr>
</tbody>
</table>

* Insert chart rotation code: “6H” for 6 hours, “24H” for 24 hours, “7D” for 7 days, or “31D” for 31 days. Each unit supplied with 8 “AA” alkaline batteries, AC adaptor, 2 pens, 60 assorted charts, and operator’s manual. CT87E also includes 3 sensors (volt, light, and sound).

Ordering Examples: CT87E, 152 mm (6") circular event recorder.

OCW-3, OMEGACARE® extends standard 1-year warranty to a total of 4 years.