



Description

The Redington Model 33 line of LCD hour meters provides a large display, 7mm, in the industry size housings. The hour meters are available in a variety of mountings: 2-hole rectangular, 3-hole round, flush-round and flush-rectangular. Voltage operating ranges are 10-277 VDC AND 20-277VAC 50/60Hz. All models are totally sealed from moisture and dirt and conform to NEMA 4 & 4X specifications when mounted with the optional gasket. Their rugged construction makes them ideal replacements for current hour meters. Units have polarized LCD for high visibility in sunlight.

Features

- AC or DC voltage input in the same unit
- Totally sealed from moisture and dirt
- Run indicator-blinking decimal point
- Always on display
- Compact depth
- AC Voltage input is not frequency sensitive
- Clip retainer mount or screws (supplied)

Options

- Custom logos and bezels
- Terminations
- Remote reset
- Gaskets
  - 5003-002S Gasket for 2-hole mount
  - 5003-003S Gasket for flush-rectangular mount
  - 5003-004S Gasket for flush-round mount
  - 5003-005S Gasket for 3-hole round mount

Specifications

<b>Display:</b>	Large 0.28" [7mm] LCD, black on light background	<b>Operating temperature:</b>	-40°F to +185°F [-40°C to +85°C]
<b>Run indicator:</b>	Blinking decimal point	<b>Sealing:</b>	Totally Sealed, Panel gaskets-NEMA 4 & 4X
<b>Quartz accuracy:</b>	0.02% over entire voltage & temperature range	<b>Agency approvals:</b>	CE compliant UL/cUL recognized for DC & AC
<b>Records &amp; Displays:</b>	6 digit (99999.9)	<b>Termination:</b>	0.250" [6.4mm] spades
<b>Inputs:</b>	10 to 277VDC AND 20-277VAC-50/60Hz	<b>Case material:</b>	Polymer (black)
	Vih* 20VAC or 10VDC minimum	<b>Weight:</b>	1oz [28g]
	Vil* 3VAC or 3VDC maximum	<b>Warranty:</b>	Two years
<b>Battery life:</b>	7+ years	<b>Protection against:</b>	Alternator load dump: 150V EMI(Electromagnetic Interference): +400V @ 500Hz Inductive switching and reverse polarity
<b>Shock:</b>	44 to 55g's, SAE J1378		
<b>Vibration:</b>	10 to 80 Hz, SAE J1378		
<b>Humidity:</b>	95% SAE J1378		

\* Vih is the input high voltage. This is specified as the minimum input voltage that the Model 33 will recognize as a high level. Vil is the input low voltage. This is specified as the maximum input voltage that the Model 33 will recognize as a low level.

Models Description

Hour Meters

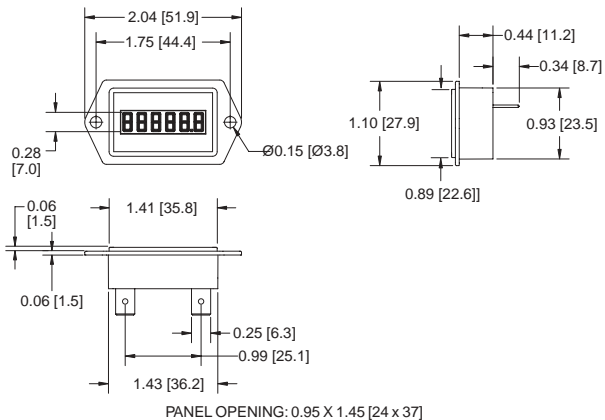
- 3311-0000 2-Hole, 10-277 VDC AND 20-277VAC, Hours & 1/10's
- 3311-1000 3-Hole Round, 10-277 VDC AND 20-277VAC, Hours & 1/10's
- 3311-2000 Flush Rect., 10-277 VDC AND 20-277VAC, Hours & 1/10's
- 3311-3000 Flush-Round, 10-277 VDC AND 20-277VAC, Hours & 1/10's

Note: For Remote Reset Part Numbers change the 7<sup>th</sup> number to "1" (i.e. 3311-0010)

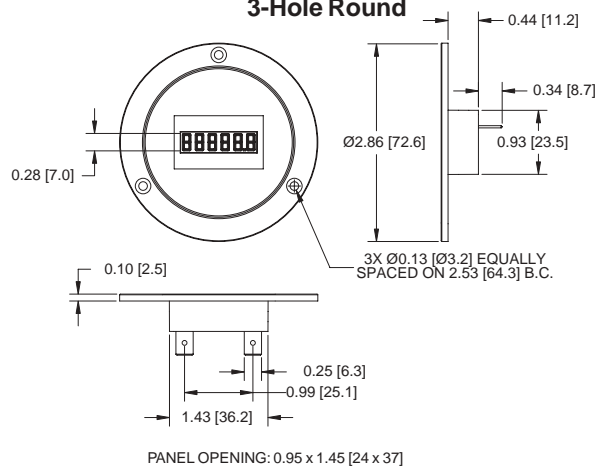


Dimensions

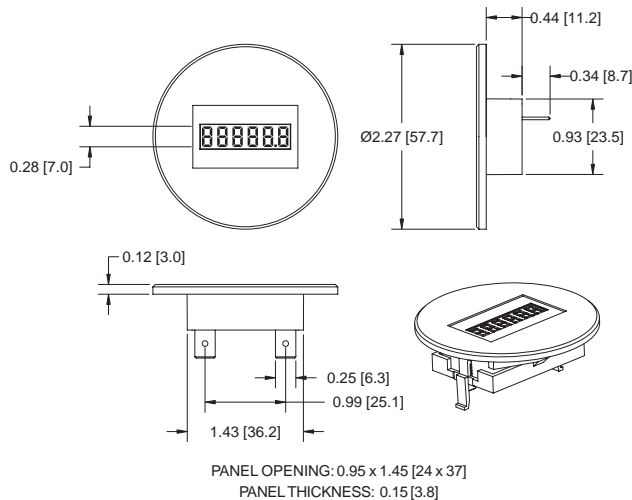
2-Hole



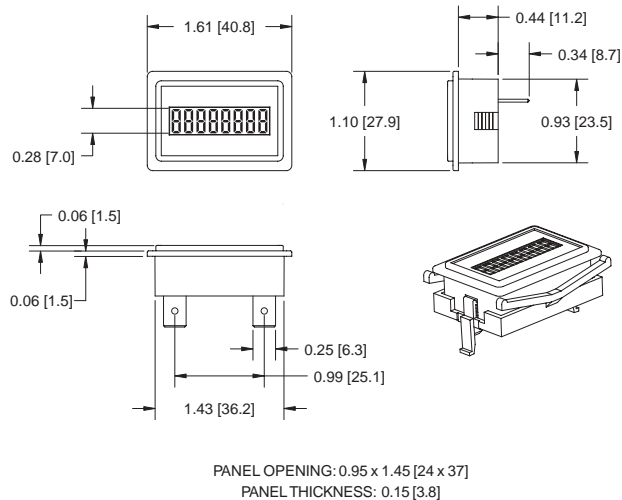
3-Hole Round



Flush-Round



Flush-Rectangular



Applications

Agricultural Equipment



Medical Devices



Pressure Washers



Sweepers



Construction Equipment



Marine Applications



Generators



Office Equipment



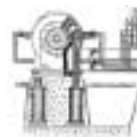
Test Equipment



Boom Lifts



Compressors



Utility Vehicles

