



Description

The Redington Model 33 line of LCD counters/hour meters provides a large display, 7mm, in the industry size housings. The hour meters and counters are available in a variety of mountings: 2-hole rectangular, 3-hole round, flush-round and flush-rectangular. Voltage operating ranges are 8-32 VDC, 32-277VAC 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 counters and hour meters. Units have polarized LCD for high visibility in sunlight.

Features

- Totally sealed from moisture and dirt
- Fits into existing panel cut-outs
- Run indicator-blinking decimal point (Hour Meter only)
- Always on display
- Compact depth
- AC Hour Meters are not frequency sensitive
- Clip retainer mount or screws (supplied)

Options

- Custom logos and bezels
- Various voltage inputs
- 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

Display: Large 0.28" [7mm] LCD, black on light background

Run indicator: Blinking decimal point (Hour Meter only)

Quartz accuracy: 0.02% over entire voltage & temperature range (Hour Meter only)

Records & Displays: 8 digit Counter (99999999)
6 digit Hour Meter (99999.9)

Inputs: 8-32VDC, 32-277VAC-50/60Hz

Battery life: 7+ years

Protection against: Alternator load dump: 150V
EMI(Electromagnetic Interference): +400V
@ 500Hz Inductive switching and reverse polarity

Shock: 44 to 55g's, SAE J1378

Vibration: 10 to 80 Hz, SAE J1378

Humidity: 95% SAE J1378

Operating temperature: -40°F to +185°F [-40°C to +85°C]

Sealing: Totally sealed, Panel gaskets-NEMA 4 & 4X

Agency approvals: CE compliant
UL/cUL recognized for DC & AC
0.250" [6.4mm] spades

Termination: Polymer (black)

Case material: 1oz [28g]

Weight: Two years

Warranty:

Models Description

DC Models Counters

3300-0000 2-Hole, 8-32VDC 35 cps
3300-1000 3-Hole, 8-32VDC, 35 cps
3300-2000 Flush-Rectangular, 8-32VDC, 35 cps
3300-3000 Flush-Round, 8-32VDC, 35 cps

Hour Meters

3310-0000 2-Hole, 8-32 VDC, Hours & 1/10's
3310-1000 3-Hole Round, 8-32 VDC, Hours & 1/10's
3310-2000 Flush-Rectangular, 8-32 VDC, Hours & 1/10's
3310-3000 Flush-Round, 8-32 VDC, Hours & 1/10's

Models Description

AC/DC Models Counters

3301-0000 2-Hole, 32-277VAC, 50/60Hz, 35 cps
3301-1000 3-Hole Round, 32-277VAC, 50/60Hz, 35 cps
3301-2000 Flush-Rect., 32-277VAC, 50/60Hz, 35 cps
3301-3000 Flush-Round, 32-277VAC, 50/60Hz, 35 cps

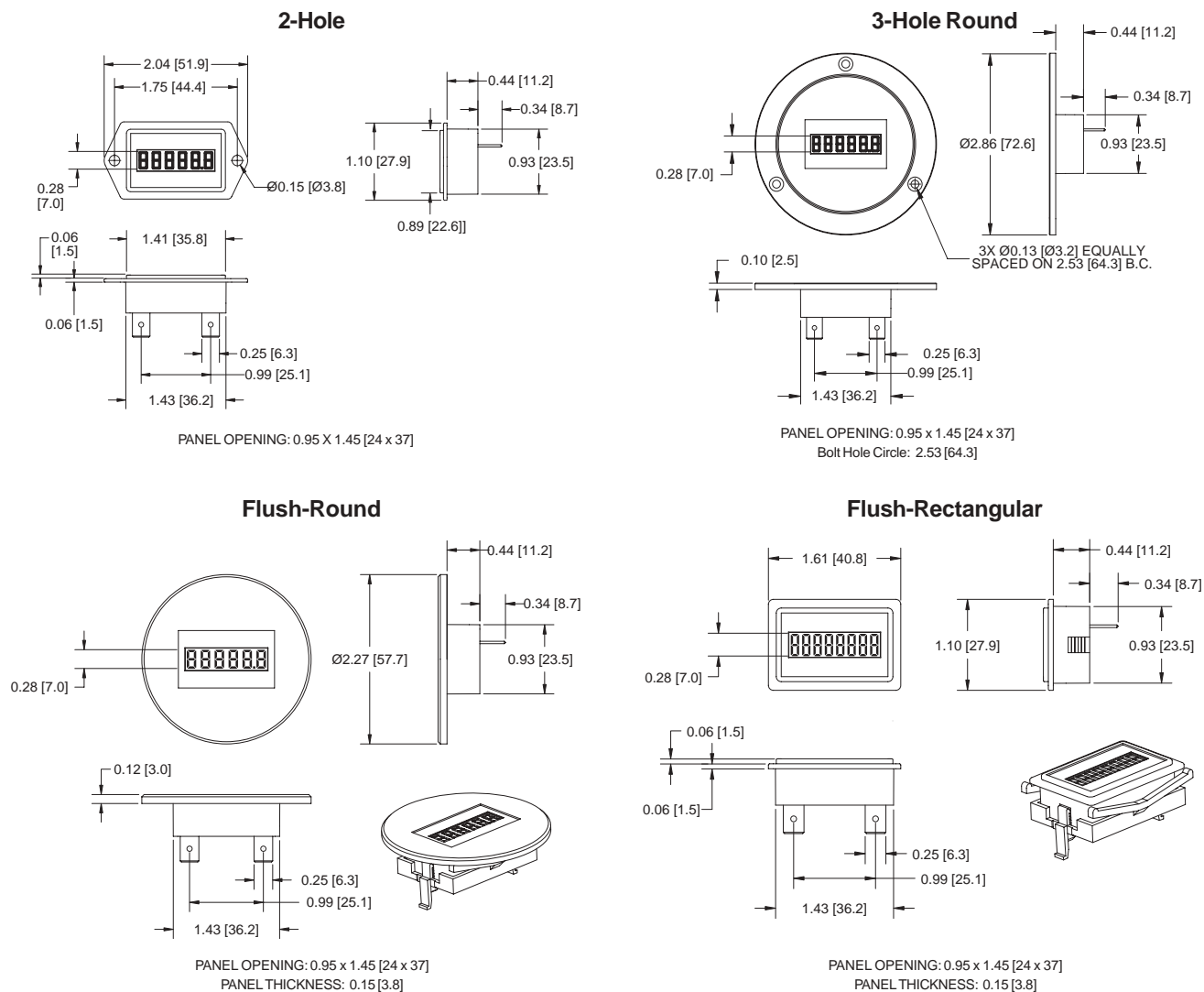
Hour Meters

3311-0000 2-Hole, 32-277 VAC, 50/60Hz, Hours & 1/10's
3311-1000 3-Hole Round, 32-277 VAC, 50/60Hz, Hours & 1/10's
3311-2000 Flush Rect., 32-277 VAC, 50/60 Hz, Hours & 1/10's
3311-3000 Flush-Round, 32-277 VAC, 50/60 Hz, Hours & 1/10's

Note; For Reset Part Numbers change the 7th number to "1" (i.e. 3310-0010)



Dimensions

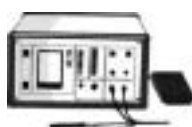


Applications

Agricultural Equipment



Medical Devices



Pressure Washers



Sweepers



Construction Equipment



Marine Applications



Generators



Office Equipment



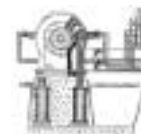
Test Equipment



Boom Lifts



Compressors



Utility Vehicles

