VEEDER-ROOT brand

Mechanical & Electric Counters

7437/7438 Series

A complete family of versatile totalizers . . . low cost with choice of mounting style and operating voltage

Specific Models

RECOGNIZED CERTIFIED

High reliability at low cost. Frequently used in business equipment, vending machines, and metering instrumentation. Low power DC models are excellent for battery operated applications. Series 7437 is nonreset, keeping counted totals secure. A quick-reset bar is featured in Series 7438.

- Broad range of standard AC and DC models
- Base mount and panel mount styles
- High contrast white-on-black figures
- UL recognized; CSA certified
- Tamper resistant construction
- Capable of speeds to 600 counts/minute
- Nonreset and convenient bar-reset models
- Thermo-stable materials used for long term reliability

Model No.	Description
743785-001	Base mount, 5 figures, 115 VAC, nonreset, UL/CSA
743785-002	Base mount, 5 figures, 230 VAC, nonreset, UL/CSA
743785-003	Base mount, 5 figures, 24 VAC, nonreset, UL/CSA
743785-004	Base mount, 5 figures, 115 VDC, nonreset, UL/CSA
743785-006	Base mount, 5 figures, 24 VDC, nonreset, UL/CSA
743785-007	Base mount, 5 figures, 12 VDC, nonreset, UL/CSA
743795-101	Back-of-panel mount, 5 figures, 115 VAC, nonreset, UL
743785-201	Panel mount, 5 figures, 115 VAC, nonreset, UL/CSA
743795-206	Panel mount, 5 figures, 24 VDC, nonreset, UL
743796-001	Base mount, 6 figures, 115 VAC, nonreset, UL
743796-006	Base mount, 6 figures, 24 VDC, nonreset, UL
743797-001	Base mount, 7 figures, 115 VAC, nonreset, UL
743895-011	Base mount, 5 figures, 115 VAC, reset, UL
743895-017	Base mount, 5 figures, 12 VDC, reset, UL
743885-211	Panel mount, 5 figures, 115 VAC, reset, UL/CSA
743885-216	Panel mount, 5 figures, 24 VDC, reset, UL/CSA
743895-416	Rear mount, 5 figures, 24 VDC, reset, UL

SPECIFICATIONS

Speed: 600 cpm

Minimum Count Pulse Timing: 50 ms on-time and off-time

Voltage: See models; Allowable variation is ±10% or 10 volts, whichever is limiting; nonreset counter with 115 VAC coil has allowable variation of 95 to 125 VAC

Power Consumption: 5 watts on AC, 1.5 watts on DC

Maximum ON Time (DC Models): No limit. Coil can be continuously energized without damage.

Maximum ON Time (AC Models): With 50% duty-cycle, 10 minutes maximum

Number of Figures: Reset: 5; Nonreset: 5, 6, or 7

Size of Figures: 0.160" high by 0.110" wide (4.1 mm x 2.8 mm) with 0.023" (0.6 mm) line width on 5 and 6 figure models

Operating Temperature Range: +32° to +120°F (0° to +49°C).

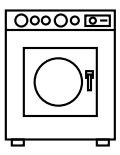
Mounting: Base, rear and panel mounting standard, see models

Connections: Wire leads, 12", #22 AWG

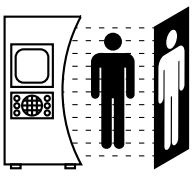
Materials: Wheels, pinions, and reset mechanism: acetal resin; Frame: glass filled acetal resin; Shafts, spring: stainless steel; Clapper: nickel plated SAE 1010 steel; Case: modified polyphenylene oxide

Net Weight: 4 oz. (113.4 g)

Typical Applications:



Coin-operated Laundry

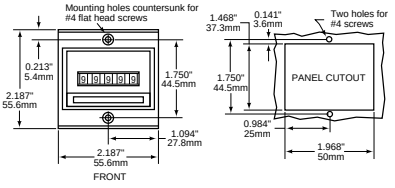


X-ray Machine

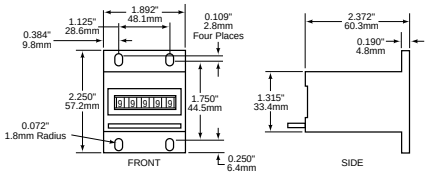
Ideal for vending machines, photocopiers, x-ray machines, coin-operated laundry machines, etc.

Dimensions:

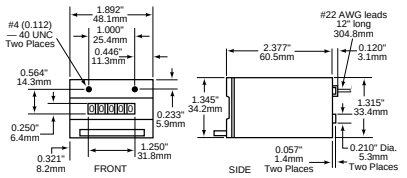
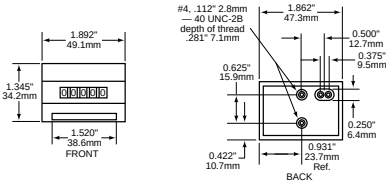
Panel Mount
Depth: 2.377"/60.4mm



Base Mount
Depth: 2.372"/60.3mm



Back of Panel Mount
Depth: 2.377"/60.5mm



Rear Mount
Depth: 2.377"/60.4mm