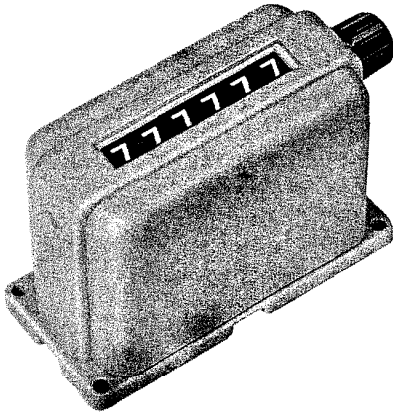


**VEEDER-ROOT****DIGITAL PRODUCTS**

1981, 1982 GENERAL PURPOSE ELECTRIC COUNTER



Base Mount with Knob Reset

DESCRIPTION

The counter family, similar to the Series 7443 general purpose counters, includes AC models with an internal 800 PIV rectifier for DC operation of the count coil from AC power. Trouble-free operation throughout an extremely long count life. Rugged diecast Zamak case is tamper resistant. Standard base mount model has knob reset. Panel mount versions have rotary thumbwheel reset or lock-and-key reset. Also available as a nonreset counter and without a rectifier for direct operation on DC. Series 7443 does not have an internal rectifier and may be operated directly on 115 VAC.

APPLICATIONS

The AC-rectified versions of the counter are primarily intended for use in original equipment applications such as business machines of all types, copier machines, vending equipment, and other installations where long life and high accuracy are needed for rental or billing purposes, service and warranty records, or machine output totalizing.

When used in some industrial applications it may be necessary to protect the rectifier against high transient line voltage. A GE Varistor surge protection device connected across the counter is available as V-R part 576009-008.

MODELS

Series 1981 — internally rectified AC, reset

Series 1982 — DC voltages, reset.

Nonstock, make item

STOCK ITEMS

	Form Number
Base mount, knob reset, 115 VAC	198106-001 - 115 VAC
Panel mount (black), knob reset, 115 VAC	198106-002 - 115 VAC
Panel mount (black), lock and key reset, 115 VAC	198106-003 - 115 VAC

SPECIFICATIONS

Specifications: 800 CPM

Minimum Count Pulse Timing: 30 ms on-time, 30 ms off-time

Voltage: 115 or 230 VAC internally rectified; 12, 24, 115, and 230 VDC. Allowable variation is $\pm 10\%$ or volts, whichever is limiting. Specials optional

Power Consumption: 8 watts nominal

Number of Figures: 6

Size of Figures: 4.8 mm high by 3.96 mm wide (0.188 in. by 0.156 in.)

Color of Figures: Series 1981, 1982 white on black

Reset: Manual knob, rotary thumbwheel or lock and key

Mounting: Base or panel

Connections: Leads from bottom. Base slotted on three sides to bring leads out where desired

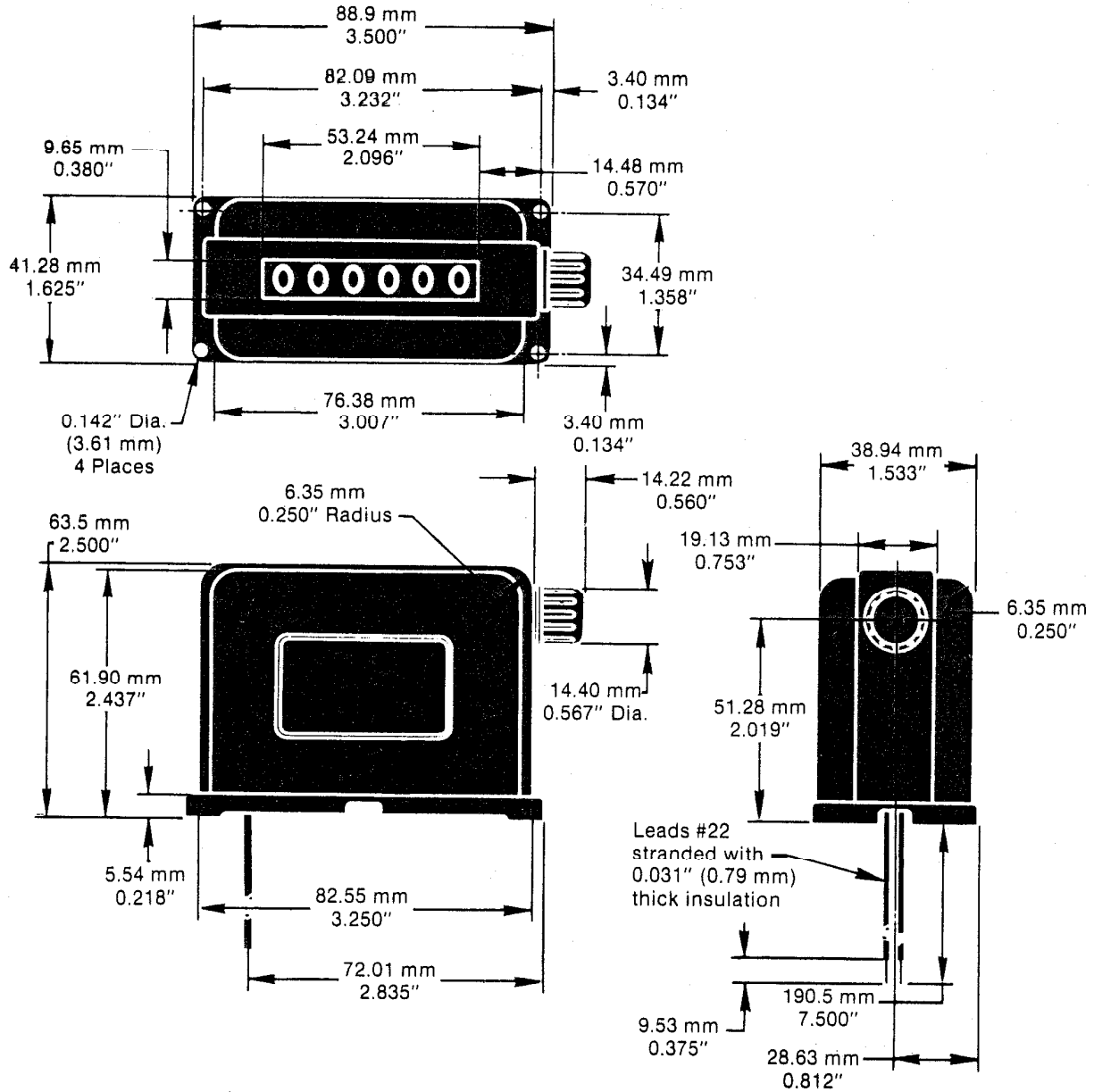
Construction: Wheels, pinions, verge: plastic. Frame, covers: Zamak. Bobbin: nylon

Net Weight: Base mount 397 g (14 oz). Panel mount 567 g (1 lb, 4 oz). Lock and key reset 680 g (1 lb, 8 oz)

OPTIONS

Panel or base mount. Reset or nonreset. Special voltages. Special lead lengths. UL/CSA.

DIMENSIONS



Information for guidance only. For current specifications and dimensions, or possible modifications, let our engineers assist you.

VEEDER-ROOT 
Digital Products

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