



**Convenient pushbutton
preset entry . . . in a
space-saving package**



When panel area is limited, and functional simplicity is a key concern, the Series 7441 may be the best predetermining counter for the job. It counts down from a user entered preset value. Upon reaching zero, an output switch is actuated. Manual or remote reset restores the switch and preset value to their original condition.

- Reliable operation at counting speeds to 1500/minute
- Underwriters Laboratories Recognized
- 5 figure count display and preset capability
- Models for AC and DC operation
- Compact size – 2" wide (50.8mm), 1" high (25.4mm)
- Rugged, high impact plastic and stainless steel case
- Unique preset interlock prevents accidental change
- Form C (SPDT) output contacts rated at 1 amp.
- Models available with electric remote-reset
- Convenient plug-in connector

Setting a preset value into the Series 7441 is direct and easy, yet secured from unintentional change. Just press the reset button to its special latched position, then use the five digit-buttons to set the desired number on the display. If left latched, the reset button will automatically return to its normal position when the first count signal is received.

Power Consumption: 6 watts count coil, 12 watts reset coil

Output Actuation: The internal SPDT switch actuates on the power-off half of the predetermining count cycle; the switch will remain in its position, and the count will stay at zero until the counter is reset

Number of Figures: 5 [0.160 in. high x 0.075 in. wide (4.1 x 1.9mm)]

Reset: Manual pushbutton or electric reset, see models

Preset: Manual pushbutton for each digit; reset button must be fully depressed and latched to permit setting

Connections: Plug-in connectors

Net Weight: 5 oz. (142g)

Model No.	Supply Voltage	Count Coil Resistance	Electric Reset Coil Resistance	Electric Reset
744195-211	115 VAC	1500Ω	—	NO
744195-221	115 VAC	1500Ω	716Ω	YES
744195-226	24 VDC	100Ω	77Ω	YES

SPECIFICATIONS

Count Speed: 1500 cpm on DC, 1200 cpm on AC

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

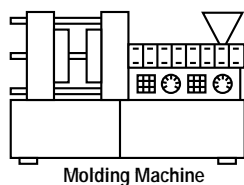
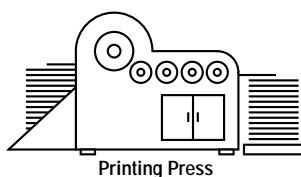
Maximum on Time: With a 50% duty cycle, maximum permissible ON time is 5 minutes

Count Pulse Timing: 20 milliseconds minimum on- or off-time for DC operation, 25 milliseconds minimum on-time for AC operation

Electric Reset Timing: 250 milliseconds minimum; 30 seconds maximum; allow 500 milliseconds after removal of reset pulse before applying count pulse

Supply Voltage: Standard voltages are 115 VAC, 50/60 Hz; 24 VDC; allowable voltage variation is ±10% or 10 volts, whichever is less

Typical Applications:



Ideal for printing presses, molding machines, and other industrial equipment.

Dimensions:

