



**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.

**For two presets, see Series C346**  
**For low cost electronic, see Series A103**

## SPECIFICATIONS

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

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

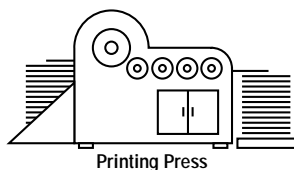
**Maximum on Time:** With a 50% duty cycle, maximum permissible ON time is 5 minutes

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

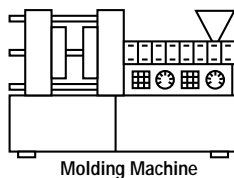
**Electric Reset Timing:** 250 milliseconds minimum; 30 seconds maximum; allow 500 milliseconds after removal of reset pulse before applying count pulse

**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:



Printing Press



Molding Machine

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

**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
0744195-211	115 VAC	1500Ω	—	NO
0744195-221	115 VAC	1500Ω	716Ω	YES
0744195-226	24 VDC	100Ω	77Ω	YES

### Dimensions:

