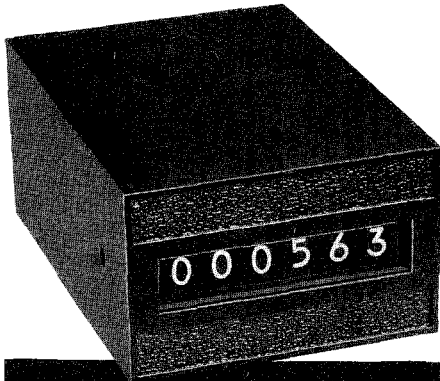




7495 SMALL NONRESET ELECTRIC TOTALIZER



ACTUAL SIZE

THE COMPACT COUNTER WITH BIG BUILT-IN FEATURES

- Count coil can be continuously energized without ever damaging the counter.
- Accepts diode suppression for 100% backspike protection at full speed operation.
- Long life, high dependability.
- Tamper-resistant construction.
- Low power consumption — only 2.5 watts.
- Veeder-Root/Military figure style for maximum readability.
- UL recognized and CSA approved.
- Optional models for high reliability in wide temperature ranges.

DESCRIPTION

Series 7495 Small Nonreset Electric Totalizers are low priced, yet have superior performance and reliability characteristics. Tamper-resistant case gives protection from dirt and foreign material.

Especially useful is Series 7495's ability to accept diode suppression of its count coil without loss of efficiency at full operating speed of 1000 counts per minute. This feature allows 100% suppression of inductive voltage backspikes. It also eliminates user design problems in overcoming breakdowns in solid state drive circuits.

Another important feature is its ability to withstand continuous application of power without danger of coil burnout.

Optional models are available for wide temperature ranges from -40° to +150°F. These are ideal for totalizing in outdoor applications — summer and winter.

APPLICATIONS

Typical applications include warranty recording, metering, message registering and many other event totalizing situations. Use is found in office machines, communication equipment, instruments, photographic equipment, and many industrial applications.

STANDARD SPECIFICATIONS :

Number of Figures: 6

Figure Size: 0.156" high, 0.099" wide (3.96, 2.51mm)

Color of Figures: White on black

Count Speed: 1000 cpm, with or without diode suppression

Minimum Count Pulse Timing: 30 ms minimum on-time and off-time. Coil can withstand continuous application of power in ambient temperature up to 120°F (49°C)

Minimum Count Life: 10 million counts under normal operating conditions at +77°F (+25°C)

Voltage: 12, 24, 48, 115v-dc. Allowable variation is ±10% (±10 volts on 115v-dc Models)

Power Consumption: 2.5 watts

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

Mounting: Rear mount

Connections: Leads from rear of counter. 12" (304.8mm) length, No. 22 AWG

UL Recognition: All standard models are UL recognized. CSA approved models also available.

Material: Wheels, pinions, verge, wheel shaft: acetal resin. Pinion Shaft: stainless steel. Frame: plated steel. Crystal: clear polycarbonate. Cover: modified polyphenylene oxide, black

Net Weight: 4 oz (113.4g)

STANDARD MODELS

| Description | Form Number |
|--------------------------------|-------------|
| Rear Mount | |
| UL recognized | 749596-40X* |
| UL recognized and CSA approved | 749586-40X |

*"X", the last digit in the form number, is used to specify a particular voltage:

| | |
|------------|-----------|
| 4: 115v-dc | 6: 24v-dc |
| 5: 48v-dc | 7: 12v-dc |

OPTIONAL FEATURES

Voltages: Other voltages are available.

Wider Temperature Range Operation: -40° to +150°F (-40° to +66°C)

Diode Suppression: Built-in diode for 100% suppression of inductive voltage backspike

Figure Colors: Black or white or other special colors

(See reverse side for Wiring and Dimensions)

