

Series A652



Multi-Function Multi-Range Solid-State Timer



OPERATION

The Model A652 is a micro-processor-based timer with a 4 1/2 digit LCD display that can provide an indication of either preset time remaining or elapsed. There are five timing ranges covering time values from one millisecond to 199 hours 59 minutes. The unit has both an instantaneous relay output and a programmable relay output which can be programmed for any one of 14 different timing modes.

The timing range and mode are selected with an internal DIP switch. The time value is entered using the keypad on the front face. The programmed values are retained in memory and are secured in memory by a keypad lockout command. The keypad can also be used to perform secondary functions such as reset, immediate time out, time inhibit, changing the direction of the display, displaying the number of cycles run, and clearing the cycle counter.

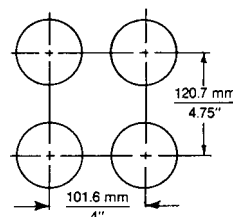
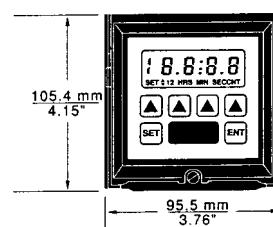
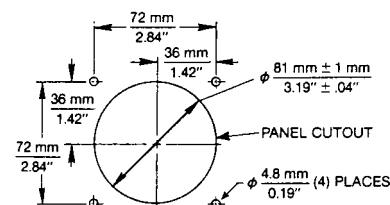
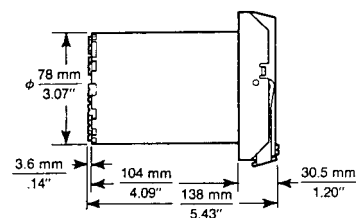
The Model A652 is housed in a standard 15-terminal, plug-in, round case. Models are available for operation on either 120VAC or 240VAC.

FEATURES

- Data Retention Memory with EEPROM Circuitry. (A652-8-2000, A652-8-2001 Models)
- Data Retention Memory with Lithium Battery. (A652-8-3000, A652-8-3001 Models)
- Six Single-Cycle and Eight Repeat-Cycle Timing Modes
- Five Time Ranges From 0.001 Sec.
- Replaces Most Electro-Mechanical Timers
- Easy Programming 7/16" High LCD Display
- Sealed Faceplate
- Keypad Lockout of Time Setting
- Internal Cycle Counter

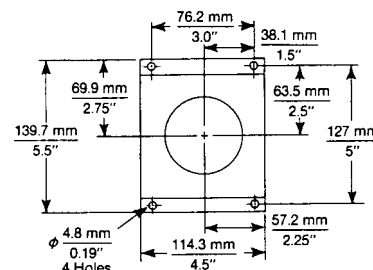
DIMENSIONS

INCHES
MILLIMETERS



MODEL A600-3-3950

SURFACE MOUNTING BRACKET



SPECIFICATIONS — ALL MODELS**TIMING RANGES**

0.001 Sec. to 19.999 Sec.
 0.01 Sec. to 199.99 Sec.
 0.1 Sec. to 1999.9 Sec.
 1 Sec. to 199 Min. 59 Sec.
 1 Min. to 199 Hr. 59 Min.

TIMING MODES

ON Delay, Interval, Reverse Start Delay,
 Reverse Start Interval, Momentary Start,
 Accumulator, Repeat Cycle-OFF First,
 Repeat Cycle-ON First, Repeat Cycle
 Reverse Start-OFF First, Repeat Cycle
 Reverse Start-ON First, Repeat Pulse,
 Repeat Pulse, First Pulse Immediate,
 Repeat Pulse-Reverse Start, Repeat Pulse,
 First Pulse Immediate Reverse Start.

INSTANTANEOUS RELAY OUTPUT

7 Amps Resistive, 240 VAC, 2 N.O.,
 2 N.C. Contacts

TIMED RELAY OUTPUT

7 Amps Resistive, 240 VAC, 2 N.O.,
 2 N.C. Contacts

RELAY MECHANICAL LIFE

50,000,000 Operations

UL & C-UL (Canada) RECOGNIZED

File No. E104697

TIME SETTING

Front Panel Keypad

TIME REPEAT ACCURACY

±0.005 Sec

OPERATING POWER

120 or 240 VAC, +10%, -20%, 50/60 Hz.

DISPLAY

LCD - 4 1/2 Digit, 7/16" High

TERMINATION

Screw Terminals

MOUNTING

Plug In Case

TRANSIENT VOLTAGE PROTECTION

Metal Oxide Varistor

OPERATING TEMPERATURE

0°-60°C

NEMA RATING

NEMA 12

SPECIFICATIONS**A652-8-2000 and A652-8-2001****RESET TIME**

25 Milliseconds

CONTROL VOLTAGE INITIATE TIME

25 Milliseconds

MEMORY

EEPROM Circuitry

POWER CONSUMPTION

5.2 VA

SPECIFICATIONS:**A652-8-3000 AND A652-8-3001****RESET TIME**

8 Milliseconds

CONTROL VOLTAGE INITIATE TIME

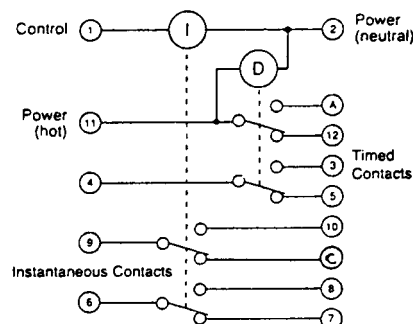
8 Milliseconds

MEMORY

Lithium Battery

POWER CONSUMPTION

3.7 VA

WIRING**ORDERING INFORMATION**

Part Number	Description
A652-8-2000	Plug-in, Round Case Timer 120VAC W/EEPROM Memory
A652-8-2001	Plug-in, Round Case Timer 240VAC W/EEPROM Memory
A652-8-3000	Plug-in, Round Case Timer 120 VAC W/Battery Memory
A652-8-3001	Plug-in, Round Case Timer 240 VAC W/Battery Memory
A651-3-0128	Mounting Gasket, 1/8" Thick (Included With Timer)
A651-3-0129	Mounting Gasket, 1/4" Thick (Included With Timer)
A600-3-3950	Base Mounting Bracket
A652-3-0130	Replacement Lithium Battery (For -3000, -3001 Models)