

ATC Digital Timers

Direct Replacement for Electromechanical Timers

- Replaces Round Case *Eagle* Timers
- Two Timing Modes - On Delay or Reverse Start Delay
- Five Timing Ranges - 1ms to 199 hrs
- Data Retention with EEPROM Memory or Battery Backup
- Simple Keypad Time Setting
- DIP Switches for Mode & Range Setting
- Sealed Faceplate
- Keypad Lockout of Time Setting
- Instantaneous Contact Directly Tracks Control Input



▲ 655



The 655 plugs directly into the mounting case of many older timers, without wiring changes.

SPECIFICATIONS

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 or Reverse Start Delay
Reset Time:	25 mSEC
Control Voltage Initiate Time:	25 mSEC
Memory:	EEPROM or Lithium Battery (Replaceable)
Time Setting:	Front Panel Keypad
Time Repeat Accuracy:	± 0.005 SEC
Display:	LCD, 4½ Digit, 7/16" High
Relay Outputs:	2 N.O., 2 N.C. Contacts
Relay Life:	50,000,000 mechanical operations
Contact Rating:	7 Amps resistive, 240 VAC
Temperature Rating:	32° to 140°F (0° to 60°C) operating
Power:	120 or 240 VAC, +10%, -20%, 50/60 Hz.
Power Consumption:	5.2VA
Short Circuit Protection:	1/4 Amp Fuse
Transient Voltage Protection:	Metal Oxide Varistor
NEMA Rating:	NEMA 12
Terminals:	Screw Terminals
Mounting:	Plug-in Case
Dimensions:	3.07" dia x 4.25" long barrel 4.15" w x 3.76" h x 1.3" d bezel

ORDERING INFORMATION

655-8-1000	Timer 120VAC w/EEPROM Memory
655-8-1001	Timer 240VAC w/EEPROM Memory
655-8-3000	Timer 120VAC w/Battery Memory
655-8-3001	Timer 240VAC w/Battery Memory

Accessories:

652-3-0130	Replacement Lithium Battery
600-3-3950	Base Mounting Bracket (surface mount)
651-3-0128	Mounting Gasket, 1/8" Thick (Included with Timer)
651-3-0129	Mounting Gasket, 1/4" Thick (Included with Timer)

Repeat Cycle Timer

NEW

- Selectable T1 & T2 Times
- Simple Front Panel Setup
- Rugged, SPDT Solid-state Relay Outputs
- Reset Input Synchronizes Multiple Units
- Standard 15 Terminal Plug-In Round Case
- Panel Mounts in Switchboard Housing or 3.19" Cutout
- Easily Replaces Round Case *Eagle* Timers



▲ CS100

The CS100 is a simple repeat cycle timer with T1 and T2 timers up to 25 seconds each, plus a third timer (T3) that extends the T1 time to a maximum of 50 seconds. The four front panel push-buttons provide easy access to timer settings. A Reset input on the back of the unit allows multiple units to be synchronized.

The four SSR (Solid State Relay) outputs are configured as three SPDT (Single Pole Double Throw) and one SPST (Single Pole Single Throw). Relay outputs and control voltage initiate times have a maximum reset time of approximately 10 milliseconds.

The CS100 has a standard 15 terminal, plug-in round case, which is designed to minimize down time during replacement. The CS100 is quickly & easily removed from the front. A replacement timer can be plugged into the existing housing, eliminating the need for rewiring. The CS100 can also be panel mounted in a 3.19" round cutout.

SPECIFICATIONS

Timing Ranges:	T1 = 0.1 - 25 SEC T2 = 0 - 24 SEC T3 = 0-25 SEC
Timing Mode:	Repeat Cycle
Time Setting:	Front Panel Pushbuttons
Time Repeat Accuracy:	± 0.005 SEC
Display:	Red LED, 2 Digit
Relay Outputs:	4 Solid state relays
Relay Contacts:	Three SPDT (form C), one SPST (form A)
Contact Rating:	4 A @ 130 VAC, zero-crossing
Off-State Leakage Current:	0.1 mA at maximum voltage
Reset Time:	10 mSEC
Temperature Rating:	32° to 122°F (0° to 50°C) operating
Power:	100-132 VAC, 50/60 Hz.
Power Consumption:	2.4VA
Transient Voltage Protection:	Metal Oxide Varistor
NEMA Rating:	NEMA 12
Terminals:	Screw Terminals
Mounting:	Plug-in Case
Dimensions:	3.07" dia x 4.1" long barrel 3.15" w x 4.72" h x 2.2" d bezel

ORDERING INFORMATION

CS100	Repeat Cycle Timer
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