



January 2011

C-Gate Entry Systems, Ltd.
(419) 843-2990 phone
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Time Delays & Relays

Note: when using a time delay on a gate (automatic operation), you must include safety and/or entrapment prevention devices, including but not limited to photo eyes, bump edges and vehicle detection loops.

- Seven Day Programmable Timer
- Two Wire Timer
- Altronix 12 vdc Timer
- Five Wire (5 wire) Timer
- Eight Pin Timer
- One Shot Time
- Isolation Rely
- 12 Volt DC & 24 Volt AC Relays
- Control Relays 24 Volt dc / 24 / 120 / 230 Volt AC
- Ratchet Relay
- Gate (motor) Reversal Delay Timer



Time Delay Systems

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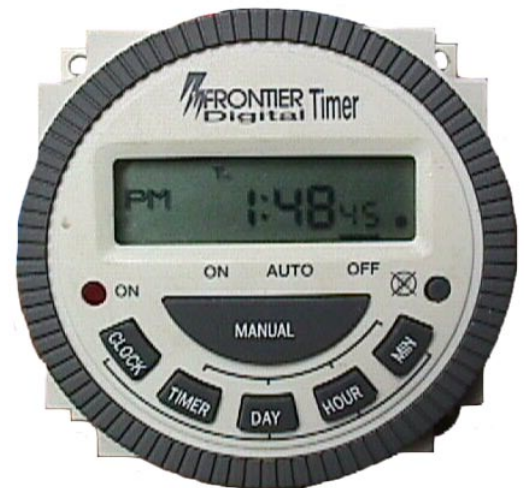
7-Day Programmable Timers

- Gate Operator **MUST** be equipped with a timer to close.
- Used to hold a gate open during pre-determined time periods.
- Has battery back-up.

Item			MSRP
TM	619	12 volt AC/DC	\$175
TM	619	24 volt AC/DC	\$175
4-Wire Harness for above			\$10

Features:

- Battery back-up (3 volt lithium button cell)
- Easy to read LCD display
- 6 on/off functions can be programmed independently
- Day of the week settings:
 - Monday – Sunday (7 day)
 - Each day individually (1 day)
 - Monday – Friday (work week)
 - Saturday & Sunday (weekend)
- Operating temperature: 0-55° Celsius
- Available in “point of sale” packaging



7-Day Timer

- [Brochure](#)
- [Instructions](#)

Suggested uses for the TM 619 Seven (7) Day Programmable Timers:

- Can be programmed to hold a gate open during specific times, such as:
 - Shift changes at a factory or other large employer
 - During business hours where the office is inside the fence like a mini-storage or contracting business
- Can also:
 - PREVENT gate from opening during certain periods
 - Turn vehicle detection loops or keypads on/off at certain times
 - Control lights, cameras, security beams, and other security devices



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Time Delays

Timer to Close

Item

Adjustable timer (2 wire)

24-240 Volts AC/DC

1 sec. to 17 min.

Commonly used in Link/Sentex

[Instructions](#)



2-Wire Timer

Altronix Timer Module

12 VDC or 6 VDC

1 to 60 sec.

Commonly used in Alltec

[Instructions](#)



Altronix Module

Five (5) Wire

Five Pin

24 VAC

1 to 100 sec.

Commonly used in newer OSCO
 (pre-circuit board)

[Instructions](#)



Five Wire

Eight (8) Pin plug-in style

24 VAC

Commonly used in OSCO/Tri-Cor

[Instructions](#)



Eight Pin Plug-In

Item	MSRP
Two (2) Wire Timer	\$85
Altronix Timer Module	\$75
Five (5) Wire Timer	\$92
Eight Pin Plug In Timer	\$110
Octal Base for 8 Pin Timer	\$22



Specialty Timers & Relays

Note: For uses other than closing gates.

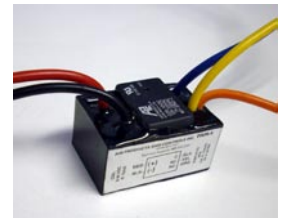
Item

One Shot Timer (24 or 24 Volts DC input ONLY)
 Constant input voltage closes relay momentarily.
 Relay drops when input drops



One Shot Timer

Isolation Relay (9 to 40 Volts DC)
 Wired for NO / NC / COM
 10 AMP Rating (at 120 VAC)
 7 AMP Rating (at 24 Vdc)



Isolation Relay

12 Volt DC Relays

Fourteen (14) Pin Control Relay
 30 AMP Rating
 Base is available but not shown



14 Pin 12 Volt dc

Five (5) Pin Motor Relay
 30 AMP rating



Five (5) Pin
 12 Volt dc Motor Relay

24 Volt AC Eight (8) Pin Relay

24 VAC Coil
 10 Amp Rating
 Double Pole / Double Throw (8 Pin)
 Up to 240 Volts across relays
 Base available



Item	MSRP
One Shot Timer	\$48
Isolation Relay	\$36
Fourteen (14) Pin 12 Volt dc Relay	\$92
Fourteen Pin Base for above	\$35
Five (5) Pin 12 Volt dc Relay	\$25
24 Volt AC Eight (8) Pin Relay	\$46
Eight (8) Base for above	\$35



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Specialty Relays & Timers

Note: For building custom control panels.

Item

Eleven (11) Pin Control Relays

<u>Coils</u>	<u>Voltages Available</u>	<u>Order #</u>
24	Volts AC	2500-541
120	Volts AC	2500-542
230	Volts AC	2500-543
24	Volts DC	2500-849

Amp Ratings Vary
 Triple Pole / Double Throw (11 Pin)
 Up to 600 Volts across relays
 Base NOT Available
 Connect with 1/8" Spade Terminals



Eleven (11)Pin
Control Relay

Ratchet Relay 24 Volt AC

Each time 24 Volt AC Power is applied, the relay toggles
 Each toggle position has NO / NC / COM
 Up to 250 Volts across relays
 Connect with 1/8" Spade Terminals
 Order # 2500-417



Eleven (11)Pin
Control Relay

Module to delay gate reversal

24 VAC ONLY
 (when opening & closing)
 Commonly used in older models



Delay Reverse
Module

Item	MSRP
Eleven (11) Pin Control Relay	\$48
Ratchet Relay	\$120
Delay Reverse Module	\$91