FMD-20L
Model# 619 – 7 Day Timer

Function: When programmed the timer will stay engaged (Latched) from the "ON" starting time (1^{ON} --:--) to the "OFF" ending time (1^{OFF} --:--). This will keep the door or gate Latched Open.
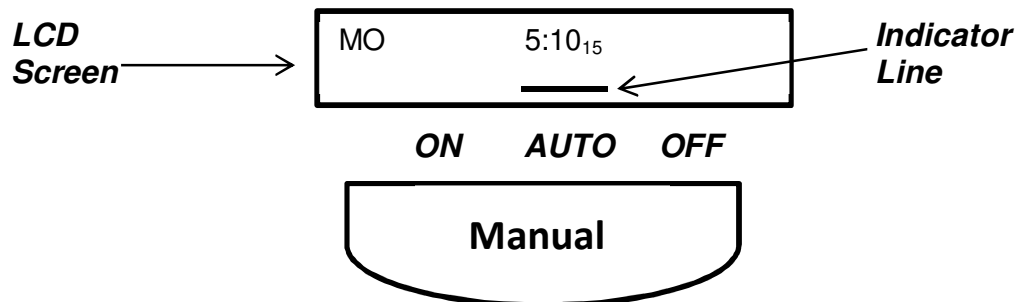
Wiring: 4 Wires
- #1 ➡ Power ➡ Either 24VAC/DC **OR** 12VAC/DC **OR** 110VAC (MUST Specify)
- #2 ➡ Power ➡ Either 24VAC/DC **OR** 12VAC/DC **OR** 110VAC (MUST Specify)
- #3 ➡ Common Relay – "Common" at Operator
- #4 ➡ Not Used – Normally Closed Relay
- #5 ➡ Normally Open Relay – "Open" at Operator

Reset Button: (P) Pressing this button will clear the clock, the "ON" starting times and the "OFF" ending times. This will reset the "Manual" Setting Button to "AUTO".

LED: Will illuminate when timer relay is latched or engaged.

Manual Button: Pressing this button will select between **ON AUTO OFF**. You MUST select "AUTO" for the timer to work. Please note: indicator line on the LCD screen. No need to touch the "Manual" button again after setting to "AUTO".

LCD Screen →

MO	$5:10_{15}$

Indicator Line ←

ON   AUTO   OFF

Manual

Manual Settings:
ON = Latches Relay Closed
AUTO = Allows Timer to Work
OFF = Shuts Off Timer (ex: vacation)

Programming:
1. Press Ⓡ (Reset Button) to clear timer and also to reset the Manual Button to "AUTO"
2. Press and **HOLD** down the **CLOCK** button to set current day, hour and minute. (*MUST* hold down to program) Then Press:
    a. **Day** Button: repeated pressing will move through the multiple day combinations
    b. **Hour** Button: each press advances 1 hour
    c. **Min** Button: each press advanced 1 minute
3. Press and Release **TIMER** Button only once to program "ON" Start time. Screen: (1^{ON} --:--). Repeated pressing of this button will move through the 17 ON/OFF programs. Then press:
    a. **Day** Button: repeated pressing will move through the multiple day combinations
    b. **Hour** Button: each press advances 1 hour
    c. **Min** Button: each press advanced 1 minute
4. Press and Release **TIMER** Button only once to program "OFF" End time. Screen: (1^{OFF} --:--). Repeated pressing of this button will move through the 17 ON/OFF programs. Then press:
    a. **Day** Button: repeated pressing will move through the multiple day combinations
    b. **Hour** Button: each press advances 1 hour
    c. **Min** Button: each press advanced 1 minute
5. Press and Release **CLOCK** Button. Timer is now programmed.