

## Digital Timer:2W200C-T-D Installation Procedure



**Warning:** Risk of shock when valve is in operation. Do not touch prongs while valve and timer are operating.



### Display Operation Modes

1. When display screen says “000000”, timer is in stop mode
2. When display screen says “CLOSE” timer is in close time setting mode
3. When display screen says “OPEN” timer is in open time setting mode
4. When display screen says “OFF—ON” timer is in closed and opened (cycle) mode
5. When display screen says “ON—OFF” timer is in opened and closed (cycle) mode
6. When display screen says “OFF”, timer is closed first and turns to normal open (single) mode after scheduled time
7. When display screen says “ON”, it is opened first and turns to normal close (single) mode after scheduled time

### Function Declaration:

1. Covering is made with good quality engineering plastic which is flame retardant, has high security, and is intensity resistant.
2. Microcomputer chip control, powerful functions, high time precision.
3. LED display, good for night viewing.
4. Wide adjustable range of time: 1Sec~99h59min59sec, open time and close time can be adjusted.
5. Functional Model : Cycle Mode (Two kinds: open and close, or close and open)  
Single Mode (Two kinds: open at scheduled time, or close at scheduled time)
6. Power Supply:  
High voltage type AC/DC 110~240V (XY-3000H)  
Low voltage type AC/DC 7~36V (XY-3000L)
7. Protection class can reach up to IP65 when install correctly
8. Standard DIN43650A inout and output connection
9. When indicator light is lit - timer is ON, when indicator light is unlit - timer is OFF

### To set closed and open time setting mode:

**Note:** In new application, display screen will say “OFF”. When power is on, display screen will show “00.01.00” ( One minute count down cycle mode)

#### Procedure:

1. Press “MODE” to “CLOSE
2. Press “MODE” again and screen will say “000000” and you may begin to set close time by pressing the “ADD” key and “DEC” key to set hour, minute and second.
3. When figures flash, press “ADD” to increase time and press “DEC” to decrease time.
4. After setting time press “MODE” to confirm.
5. Press “MODE” again to begin process to set open time setting mode

### To set “OFF-ON” and “ON-OFF” mode:

#### Procedure:

1. After setting closed and open time setting mode, press “MODE” to enter “OFF-ON” closed and opened mode
2. To switch to “ON-OFF” or back to “OFF-ON” mode, press “ADD” or DEC”
3. After choosing “ON-OFF” or “OFF-ON” mode, press “MODE” to start work

### To set modification time during operation:

**Note:** The new set time will take effect in next cycle

#### Procedure:

1. During operation, hold “ADD” key for 3+ seconds to modify setting of open time (press MODE to confirm after setting)
2. During operation, hold “DEC” key for 3+ seconds to modify setting of close time (press MODE to confirm after setting)

### To check open or close time:

#### Procedure:

1. During operation, press “ADD” to check open time (will return to workspace after three seconds)
2. During operation, press “DEC” to check close time (will return to workspace after three seconds)

### Functions Settings:

Testing: During operation, press “RESET” to test functions

Stop: During operation, press “MODE” to stop work and press “RESET” to begin again

Saved data in case of power failure: In operation, CPU will auto-save data if device is powered off suddenly, and will continue work from saved point after power restoration.