

Go2™ Totalizer Control Panel

Single Phase Duplex 120/240VAC/Type 4X Enclosure
Model: GO2T1D120-CT6 and GO2T1D230-CT6



QUICK START GUIDE

OSG00543_Rev02_Go2 Totalizer IP Duplex GO2T1D-CT6 Series | April 1, 2025 4:01 PM

Safety Guidelines



WARNING

Before proceeding with the installation or operation of this product, read all instructions thoroughly, as well as complying with all federal, state and local codes, regulations, and practices. This product must be installed by qualified personnel familiar with all applicable local electrical and mechanical codes. Refer to the National Electrical Code (NEC) (NFPA 70). Failure to properly install, test, and operate this product can result in personal injury or equipment malfunction.

1. DISCONNECT POWER when installing or servicing the product. Failure to disconnect all power sources could result in serious injury or death.
2. NEVER enter a flooded space without proper Personal Protective Equipment (PPE). Always wear dielectric rubber boots and other applicable protective equipment when water is on the floor and you must service an energized pump, alarm system, or product.
3. DO NOT enter the water if the water level is higher than that of the protection your PPE offers or if your PPE is not watertight.
4. DO NOT use or install this product with or near flammable liquids.
5. DO NOT use or install this product in locations classified as hazardous or in explosive atmospheres as defined by any applicable electrical safety code.

Included with Product

- **Base Model: GO2T1D:** (1) Control Panel (amperage depends on model). Some units may come with float switches. Models may include options – refer to ratings label model number and schematic.

Full options listed on website: www.alderonind.com

Step 1: Installation

Use this quick start guide as reference to match up each component included to the correct terminals inside the sensor panel shown in each step.

1. Mount and secure the sensor panel in the desired location. Recommended to use four (4) screws (not included) and wall mount anchors (not included) if necessary.
2. Install using the appropriate conduit connections. Make sure all conduits are sealed and waterproof per local codes.
3. **WARNING:** Do not mix high and low voltage wires in the same conduit or junction box, failure to do so will cause system failure. Follow NEC requirements pertaining to separation of voltages if run in the same conduit.
4. Incoming control and pump power must match control panel voltage. Refer to included electrical schematic for complete wiring and voltage information.

How to Use WAGO Lever Style Terminal

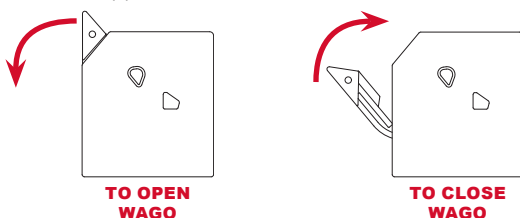
Before making wire connections and terminations, carefully read this step for proper functions the WAGO connectors terminal blocks.

WARNING: Improper use of the connectors will cause damage, DO NOT use mechanical tools to open or close, hand usage only.

Wire Connection - Quick Snap Terminal WAGO (Fig. 1):

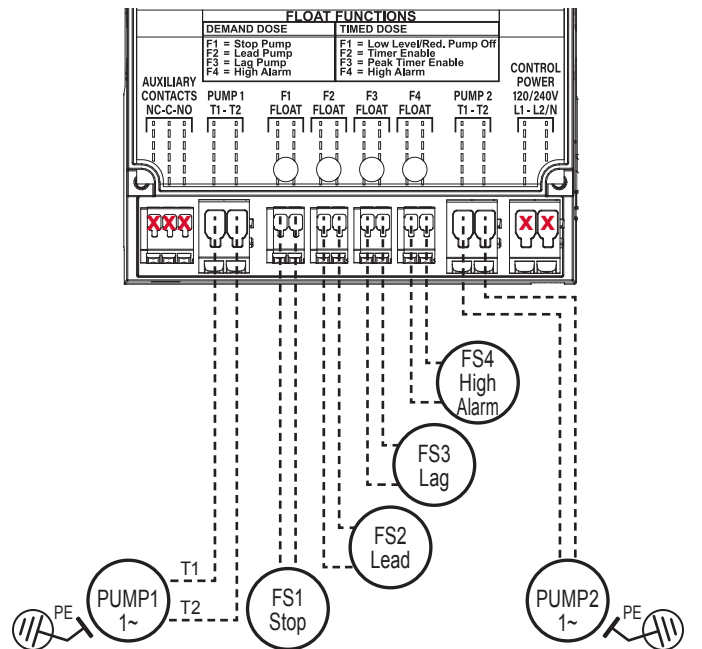
- 1) Press tab(s) outward. DO NOT open past 40° angle.
- 2) Insert wire(s) into slot.
- 3) Press tab(s) inward.
- 4) Make sure wire(s) are secured.

(Fig. 1)



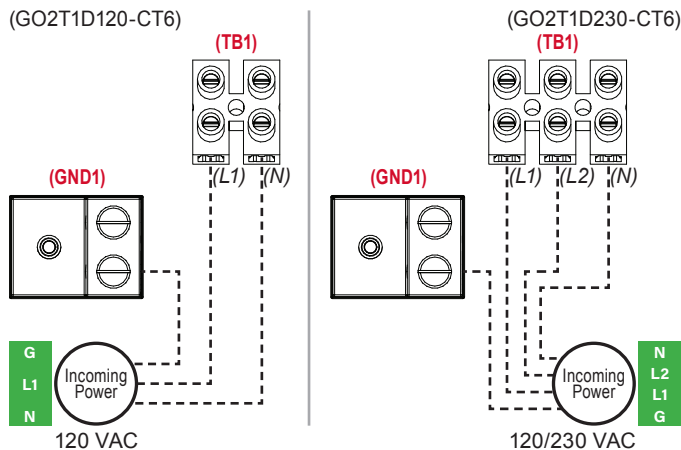
Step 2: Wiring | Pump and Floats

Wire the float switches to the WAGO terminal blocks. Wire Pump 1 to the Pump 1 T1 and T2 terminals on the left and wire Pump 2 to the Pump 2 T1 and T2 terminals on the right. See schematic for electrical ratings for the pump.

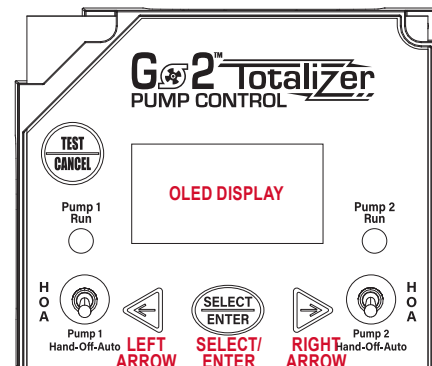


Step 3: Wiring | Incoming Power

Wire the incoming alarm/control and pump power to the terminals listed below and shown in the diagram. For models with alarm/control circuit breaker or other options, refer to schematic.



Navigating the Menu System



The User Interface Comprises of an 8 Character 2 Row OLED display and three pushbuttons. The push buttons are Test/Cancel, Left Arrow, Select/Enter, and Right Arrow. While the system is idle the menu screen will be turned off; to wake up press any push button.

Home Screen: Will show System Normal or any active condition
Return to Home Screen: Press the Test/Cancel Button to return to the home screen.

Navigating the Menu: Press the Right Arrow to scroll through the menu. You can return to the previous selection by pressing the left button. Press the Select/Enter button to enter the submenu. Scroll to the rightmost option to return back to the previous page. The Default Menu Structure has been included below, making certain selections will change the menu structure. Please refer to the User Guide for a more detailed breakdown.

Using the Setup Wizard: The Setup Wizard will ask a series of Questions. Press the right / left button to change selection and press Select/Enter to confirm selection.

Abridged Menu Structure

- System Normal
- Setup Wizard
 - ▪ DOSE CFG
 - - ▪ DEMAND or TIMED (Demand Dose or Timed Dose)
 - ▪ Demand Dose
 - - ▪ LAG FLT (Lag Float function – Demand Dose only) (Default is LAG)
 - ▪ Timed Dose
 - - ▪ P# ON TE (Pump # On time when Timer Enable float is activated)
 - - ▪ P#OFF TE (Pump # Off time when Timer Enable float is activated)
 - - ▪ PEAK FLT (Peak Float) (Default is DSABLD) Allows for a secondary pumping time cycle to allow for increased pumping time.
 - - ▪ P# ON PK (Pump # On time when Peak enable float is activated)
 - - ▪ P#OFF PK (Pump # Off time when Peak enable float is activated)
 - - ▪ LOW ALRM (Low Alarm) (Default is DSABLD)
 - DOSING TIMES (Dosing Times) Used to modify the programmed time cycle for Timed Dosing
 - ▪ Advanced
 - - ▪ SYSTEM STATUS (System Status)
 - - - ▪ Floats: (Status of Float Switches)
 - - - ▪ Pump Lead:
 - - ▪ Settings
 - - - ▪ SETTINGS LOCK (Settings password Lock) (Default is DSABLD)
 - - - ▪ GENERAL SETUP (General functions of the control panel Setup)
 - - - - ▪ ALARM RESET (Alarm Reset function) (Default is RESET AUTO)
 - - - - ▪ SILENCE TIME (buzzer Silence Time after activating test/ silence switch) (Default is 24 Hours)
 - - - - ▪ GREEN BEACON (Green Beacon function)
 - - - - ▪ PASSWORD (modify the Password) (Default is 1919)
 - - - ▪ PUMP SET UP (Pump Set Up)
 - - - - ▪ HIGH AMP CUTOOUT (High Ampere Cutout) (Default is DSABLD)
- - ▪ FINISH DOSE (Finish the timed pumping dose – Timed Dose only) (Default is ENABLED) This will allow the pump to finish its current On dose after the Time Enable float goes down.
- - ▪ XTRA PK DOSES (number of Extra Peak Doses – Timed Dose only) (Default is 00)
- - ▪ LEAD PUMP (Lead Pump)
- - ▪ PUMP 1 CONFIG, PUMP 2 CONFIG (Pump # Configuration)
 - - - ▪ HI AMP LEVEL (High Ampere Level) (Default is 25.0A)
 - - - ▪ LOW AMP LEVEL (Low Ampere Level) (Default is 1.2A)
 - - - ▪ FLOW RATE (Flow Rate in gallons per minute) (Default is 0.0 G)
 - - - ▪ EXERCISER INTERVAL (pump Exerciser frequency) (Default is DSABLD)
- - ▪ EXTENDED RUN ALM (Extended Run Alarm) (Default is 00:00:00)
- ▪ Input Setup
 - - ▪ LOW ALARM FLOAT (Low Alarm Float / Redundant Off Float – Timed Dose Only)
 - - - ▪ LAG FLT (Lag Float function – Demand Dose only) (Default is LAG)
 - - - ▪ HI ALARM FLOAT (High Alarm Float function)
 - - ▪ FLOAT ERRORS (Float Errors) e.g. Float out of Sequence
- ▪ Stats
 - - ▪ Resettable History (these stats can be reset)
 - - ▪ Lifetime History (these stats cannot be reset)
- ▪ Firmware Version
- ▪ Configuration Code

Customer Support

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QR Code
Scan code for full product details

