

# MODEL 312 Control Panel

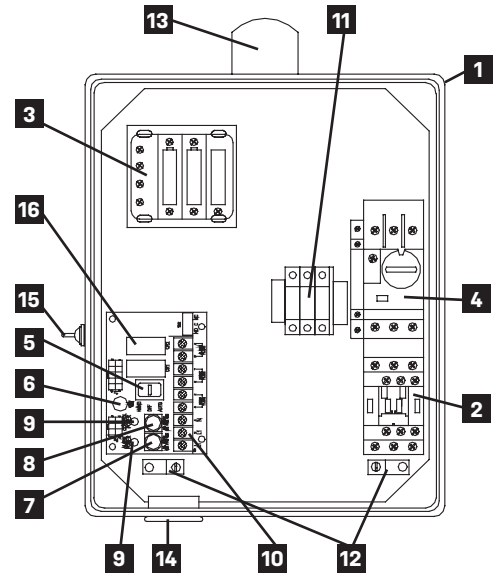
## Three phase, simplex motor contactor control.

The Model 312 control panel provides industrial and commercial customers with a reliable means of controlling one 208/240/480V three phase pump in water and sewage installations. Two control switches activate an IEC motor contactor to turn the pump on and off. If an alarm condition occurs, an additional alarm switch activates the audio/visual alarm system. Common applications include pump chambers, irrigation systems, and lift stations.

## PANEL COMPONENTS

- 1. Enclosure** measures 12 x 10 x 6 inches (30.48 x 25.40 x 15.24 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use).
- 2. IEC Motor Contactor** controls pump by switching electrical lines.
- 3. Multi-Tap Transformer** (208/240/480 VAC primary) provides 120V control/ alarm voltage or 600VAC primary transformer.
- 4. Motor Protective Switch** provides adjustable overload, branch circuit protection and pump disconnect.
- 5. HOA Switch** for manual pump control (mounted on circuit board).
- 6. Green Pump Run Indicator Light** mounted on circuit board.
- 7. Alarm Fuse** (mounted on circuit board).
- 8. Control Fuse** (mounted on circuit board).
- 9. Alarm and Control Power Indicators** (mounted on circuit board).
- 10. Float Switch Terminal Block** (mounted on circuit board).
- 11. Input Power Terminal Block**
- 12. Ground Lugs**

**NOTE:** Schematic/Wiring Diagram is located inside the panel on enclosure cover.



Model Shown 3121W511X

## STANDARD ALARM PACKAGE

- 13. Red Alarm Beacon** provides 360° visual check of alarm condition.
- 14. Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
- 15. Exterior Alarm Test/Normal/Silence Switch** allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
- 16. Horn Silence Relay** (mounted on circuit board).

**NOTE:** other options available.



## FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes three 20' control switches or EZconnex® float system
- Complete with step-by-step installation instructions
- Five-year limited warranty



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