

MODEL 312 Control Panel

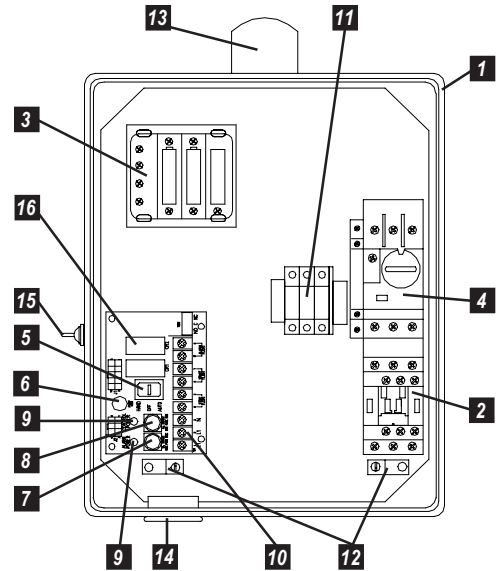
Three phase, simplex motor contactor control.

The Model 312 control panel provides industrial and commercial customers with a reliable means of controlling one three phase pump in water and sewage installations. Two control switches activate a 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.
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.

PRICING/ORDERING INFORMATION

| Model Number | AC Voltage | FLA | List Price | Shipping Weight |
|--------------|-----------------|-----------|------------|-----------------|
| 3121W001H | 208/240/480 VAC | 1.0-1.6 | \$1082.00 | 23 lbs. |
| 3121W101H | 208/240/480 VAC | 1.6-2.5 | \$1082.00 | 23 lbs. |
| 3121W201H | 208/240/480 VAC | 2.5-4.0 | \$1082.00 | 23 lbs. |
| 3121W301H | 208/240/480 VAC | 4.0-6.3 | \$1082.00 | 23 lbs. |
| 3121W401H | 208/240/480 VAC | 6.0-10.0 | \$1082.00 | 23 lbs. |
| 3121W511H | 208/240/480 VAC | 9.0-14.0 | \$1127.00 | 23 lbs. |
| 3121W611H | 208/240/480 VAC | 13.0-18.0 | \$1127.00 | 23 lbs. |
| 3121W621H | 208/240/480 VAC | 17.0-23.0 | \$1137.00 | 23 lbs. |
| 3121W701H | 208/240/480 VAC | 20.0-25.0 | \$1137.00 | 23 lbs. |

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' Sensor Float® control switches
- Complete with step-by-step installation instructions
- Three-year limited warranty



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