

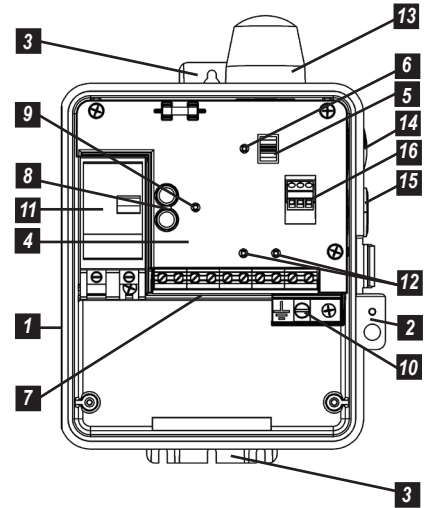
# NEX Series® - Single Phase Simplex

## Single phase, simplex motor control.

The **NEX Series®** panel is designed to control one single phase pump in water and wastewater applications. Two control switches activate a power relay to turn the pump on and off. If an alarm condition occurs, an additional alarm switch activates the audible/visual alarm system. The compact design (8 x 6 x 4") is ideal for residential applications. Universal pump voltage and control/alarm power allow the NEX Series® panel to handle three voltages (120/208/240V). The innovative internal design of components and integral mounting tabs make installation quick and simple.

## PANEL COMPONENTS

1. **Enclosure** measures 8 x 6 x 4 inches (20.32 X 15.24 X 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic).
2. **Padlockable** latch.
3. **Integral Mounting Feet** for indoor or outdoor use.
4. **Power Relay** controls pump by switching electrical lines.
5. **HOA Switch** for manual pump control.
6. **Green Pump Run Indicator Light**.
7. **Field Wiring Terminal Blocks**.
8. **Control/Alarm Fuses**.
9. **Control/Alarm Power Indicator**.
10. **Ground Lug**
11. **Circuit Breaker** provides pump disconnect and branch circuit protection.
12. **Float Status Indicator Lights** (Stop and Start Float Status).



## STANDARD ALARM PACKAGE

13. **Red Alarm Beacon** provides 360° visual check of alarm condition.
14. **Alarm Horn** provides audible warning of alarm condition (85 to 90 decibel rating).
15. **Exterior Alarm Test/Silence Push Button Switch** allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition has been cleared.
16. **Auxiliary Alarm Contacts** (Form C) are provided for signaling an external device.

## 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' SJE SignalMaster® control switches
- Complete with step-by-step installation instructions
- Five-year limited warranty



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# NEX Series® - Single Phase Simplex

## Single phase, simplex motor control.

The NEX Series® single phase simplex control panel provides a reliable means of controlling one 120, 208, or 240 VAC single phase pump in pump chambers, sump pump basins, irrigation systems and lift stations. Two control switches activate a magnetic power relay to turn the pump on and off. If an alarm condition occurs, an additional alarm switch activates the audible/visual alarm system.

Part#	Description	Amps	Shipping Weight
1046436	NEX Series® Single Phase Simplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Control Switches	0-12	9 lbs
1046437	NEX Series® Single Phase Simplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Control Switches	9-20	9 lbs
1047662	NEX Series® Single Phase Simplex, 120/208/240 VAC, No Floats	0-12	5 lbs
1047663	NEX Series® Single Phase Simplex, 120/208/240 VAC, No Floats	9-20	5 lbs

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## SPECIFICATIONS



### VOLTAGE SUPPLY

**PUMP:** 120/208/240 VAC, 50/60 Hz

**CONTROL/ALARM:** 120/208/240 VAC, 50/60 Hz

**ENCLOSURE:** 8 x 6 x 4 inch (20.32 x 15.24 x 10.16 cm)  
Padlockable NEMA 4X (ultraviolet stabilized thermoplastic with integral mounting feet for outdoor or indoor use)

**FLOAT CONTROL VOLTAGE:** 12 VDC

**PUMP AMPS:** 0-12 Amps; 9-20 Amps

**AUXILIARY ALARM CONTACTS:** Form C, 5 amp, 120 VAC Max

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**Call or fax your order!**  
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