

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

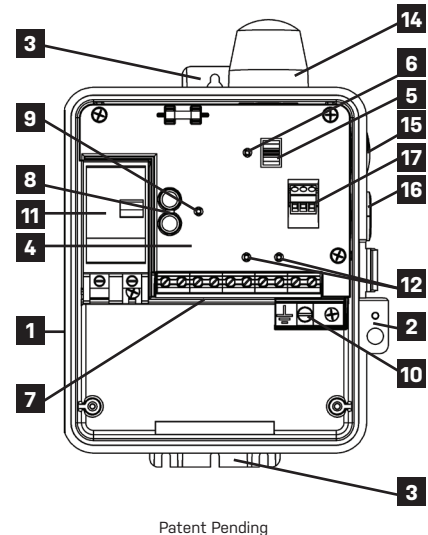
1. **Enclosure** measures 8 x 6 x 4 inches (20.32 X 15.24 X 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic).
2. **Padlockable** latch.
3. **Integral Mounting Feet** for indoor or outdoor use.
4. **Power Relay** (not shown) controls pump by switching electrical lines.
5. **HOA Switch** for manual pump control.
6. **Green Pump Run Indicator Light**.
7. **Field Wiring Terminal Blocks**.
8. **Control/Alarm Fuses**.
9. **Control/Alarm Power Indicator** (Not available with Elapsed Time Meter option).
10. **Ground Lug**
11. **Circuit Breaker** provides pump disconnect and branch circuit protection.
12. **Float Status Indicator Lights** (Stop and Start float status).
13. **Elapsed Time Meter** (optional - not shown) provides pump run-time in hours.

STANDARD ALARM PACKAGE

14. **Red Alarm Beacon** provides 360° visual check of alarm condition.
15. **Alarm Horn** provides audible warning of alarm condition (85 to 90 decibel rating).
16. **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.
17. **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



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



SJE RHOMBUS

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SEE REVERSE SIDE FOR ORDERING INFORMATION.

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NEX Series® Single Phase Simplex			List Price	Shipping Weight
Part#	Description	Amps		
1046436	NEX Series® Simplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Switches	0-12	\$534.00	9 lbs
1047662	NEX Series® Simplex, 120/208/240 VAC, No Floats	0-12	\$474.00	5 lbs
1054597	NEX Series® Simplex, 120/208/240 VAC, EZconnex® 3-Port 50' / (3) 10' float switches*	0-12	\$778.00	13.6 lbs
1046437	NEX Series® Simplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Switches	9-20	\$534.00	9 lbs
1047663	NEX Series® Simplex, 120/208/240 VAC, No Floats	9-20	\$474.00	5 lbs
1054598	NEX Series® Simplex, 120/208/240 VAC, EZconnex® 3-Port 50' / (3) 10' float switches*	9-20	\$778.00	13.6 lbs

NEX Series® Single Phase Simplex with Elapsed Time Meter			List Price	Shipping Weight
Part#	Description	Amps		
1053452	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Switches	0-12	\$609.00	9 lbs
1053454	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, No Floats	0-12	\$549.00	5 lbs
1055708	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, EZconnex® 3-Port 50' / (3) 10' float switches*	0-12	\$853.00	13.6 lbs
1053453	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Switches	9-20	\$609.00	9 lbs
1053455	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, No Floats	9-20	\$549.00	5 lbs
1055709	NEX Series® Simplex, 120/208/240 VAC, w/ ETM, EZconnex® 3-Port 50' / (3) 10' float switches*	9-20	\$853.00	13.6 lbs

*All EZconnex® float switches are normally open w/ pipe clamp.

SEE PRICE BOOK FOR LIST PRICE.



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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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