

NEX Series® - Single Phase Duplex

Single phase, duplex alternating pump control with override.

The **NEX Series®** duplex control panel is designed to alternately control two 120, 208, or 240 VAC single phase pumps in water and sewage installations. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail. If an alarm condition occurs, an alarm switch activates the audible/visual alarm system. The compact design (10 x 8 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

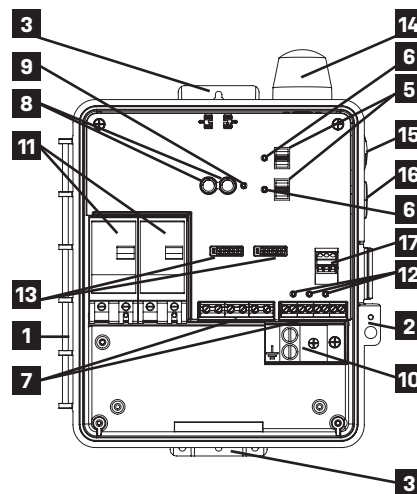
1. **Enclosure** measures 10 x 8 x 4 inches (25 X 20 X 10 cm) NEMA 4X (ultraviolet stabilized thermoplastic).
2. **Padlockable** latch.
3. **Integral Mounting Feet** for indoor or outdoor use.
4. **Power Relays** (not shown) control pump by switching electrical lines.
5. **HOA Switches** for manual pump control.
6. **Green Pump Run Indicator Lights**.
7. **Field Wiring Terminal Blocks**.
8. **Control/Alarm Fuses**.
9. **Control/Alarm Power Indicator**.
10. **Ground Lug**
11. **Circuit Breakers** provide pump disconnect and branch circuit protection.
12. **Float Status Indicator Lights** (Stop, Lead and Lag float status).
13. **Elapsed Time Meters** (optional) provides individual 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 20' SJE SignalMaster® control switches
- Complete with step-by-step installation instructions
- Five-year limited warranty



Patent Pending

SPECIFICATIONS

VOLTAGE SUPPLY

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

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

ENCLOSURE: 10 x 8 x 4 inch
(25 x 20 x 10 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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www.sjerhombus.com

B.31

California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SEE REVERSE SIDE FOR ORDERING INFORMATION.

SEE PRICE BOOK FOR LIST PRICE.

NEX Series® - Single Phase Duplex

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NEX Series® Single Phase Duplex			Shipping Weight
Part#	Description	Amps	
1051630	NEX Series® Duplex, 120/208/240 VAC, (4) 20' SJE SignalMaster® Switches	0-12	14 lbs
1051631	NEX Series® Duplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Switches	0-12	12 lbs
1051632	NEX Series® Duplex, 120/208/240 VAC, No Floats	0-12	9 lbs
1051633	NEX Series® Duplex, 120/208/240 VAC, (4) 20' SJE SignalMaster® Switches	9-20	14 lbs
1051634	NEX Series® Duplex, 120/208/240 VAC, (3) 20' SJE SignalMaster® Switches	9-20	12 lbs
1051635	NEX Series® Duplex, 120/208/240 VAC, No Floats	9-20	9 lbs

NEX Series® Single Phase Duplex with Elapsed Time Meters			Shipping Weight
Part#	Description	Amps	
1053263	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, (4) 20' SJE SignalMaster® Switches	0-12	14 lbs
1053264	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, (3) 20' SJE SignalMaster® Switches	0-12	12 lbs
1053265	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, No Floats	0-12	9 lbs
1053266	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, (4) 20' SJE SignalMaster® Switches	9-20	14 lbs
1053267	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, (3) 20' SJE SignalMaster® Switches	9-20	12 lbs
1053268	NEX Series® Duplex, 120/208/240 VAC, w/ ETMs, No Floats	9-20	9 lbs

NEX Series® Single Phase Duplex with EZconnex® System			Shipping Weight
Part#	Description	Amps	
1055737	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 25' (3) 10' float switches* w/ plug	0-12	19 lbs
1055738	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 50' (3) 10' float switches* w/ plug	0-12	22 lbs
1055739	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 25' (4) 10' float switches*	0-12	20 lbs
1055740	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 50' (4) 10' float switches*	0-12	23 lbs
1055741	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 25' (3) 10' float switches* w/ plug	9-20	19 lbs
1055742	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 50' (3) 10' float switches* w/ plug	9-20	22 lbs
1055743	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 25' (4) 10' float switches*	9-20	20 lbs
1055744	NEX Series® Duplex, 120/208/240 VAC, EZconnex® 4-Port, 50' (4) 10' float switches*	9-20	23 lbs

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

Other EZconnex® configurations are available. All NEX Series® panels are available with Elapsed Time Meters. Please contact Customer Service for ordering information



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

ENCLOSURE: 10 x 8 x 4 inch (25 x 20 x 10 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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