



INTERNATIONAL CATALOG

Control Panels • Variable Frequency Drives
Float Switches • Alarm Systems
For Water/Wastewater Pump and Motor Control



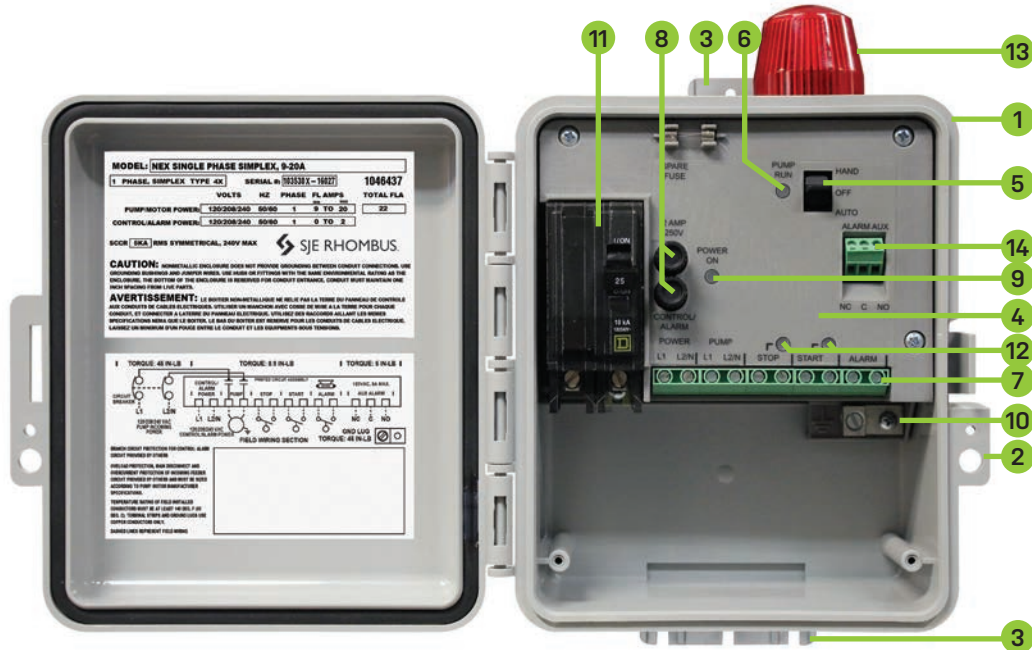
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NEX SERIES® SINGLE PHASE SIMPLEX CONTROL PANEL

Single phase, simplex motor contactor control.

The NEX Series® control 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 (20.32 x 15.24 x 10.16 cm) is ideal for residential applications. Universal pump voltage and control/alarm power allow the NEX Series® panel to handle three voltages (120/208/240V single phase). The innovative design of internal components and integral mounting tabs make



Standard Control Panels

PANEL COMPONENTS

1. Enclosure measures 20.32 X 15.24 X 10.16 cm (8 x 6 x 4 inches) NEMA 4X (ultraviolet stabilized thermoplastic) for indoor or outdoor use
2. Padlockable Latch
3. Integral Mounting Feet
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 Block
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. Auxiliary Alarm Contacts (Form C) are provided for signaling an external device
15. Alarm Horn provides audible warning of alarm condition, 85 to 90 decibel rating (not shown)
16. 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 has been cleared (not shown)



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SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

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NEX SERIES® SINGLE PHASE SIMPLEX CONTROL PANEL

Single phase, simplex motor contactor control.

ORDERING INFORMATION

Part #	Description	Amps	Ship Weight
1046436	NEX Series® Single Phase Simplex, 120/208/240V, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	4.08 kg
1046437	NEX Series® Single Phase Simplex, 120/208/240V, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	4.08 kg
1047662	NEX Series® Single Phase Simplex, 120/208/240V, no float switches	0-12	2.27 kg
1047663	NEX Series® Single Phase Simplex, 120/208/240V, no float switches	9-20	2.27 kg

Part #	Description - With Optional Elapsed Time Meter	Amps	Ship Weight
1053452	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Control Switches	0-12	4.08 kg
1053453	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Control Switches	9-20	4.08 kg
1053454	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, no float switches	0-12	2.27 kg
1053455	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, no float switches	9-20	2.27 kg

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.

SPECIFICATIONS

Voltage Supply:

Pump: 120/208/240V single phase, 50/60 Hz

Control/Alarm: 120/208/240V single phase, 50/60 Hz

Enclosure: 20.32 x 15.24 x 10.16 cm (8 x 6 x 4 inches), 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, 120V Max.



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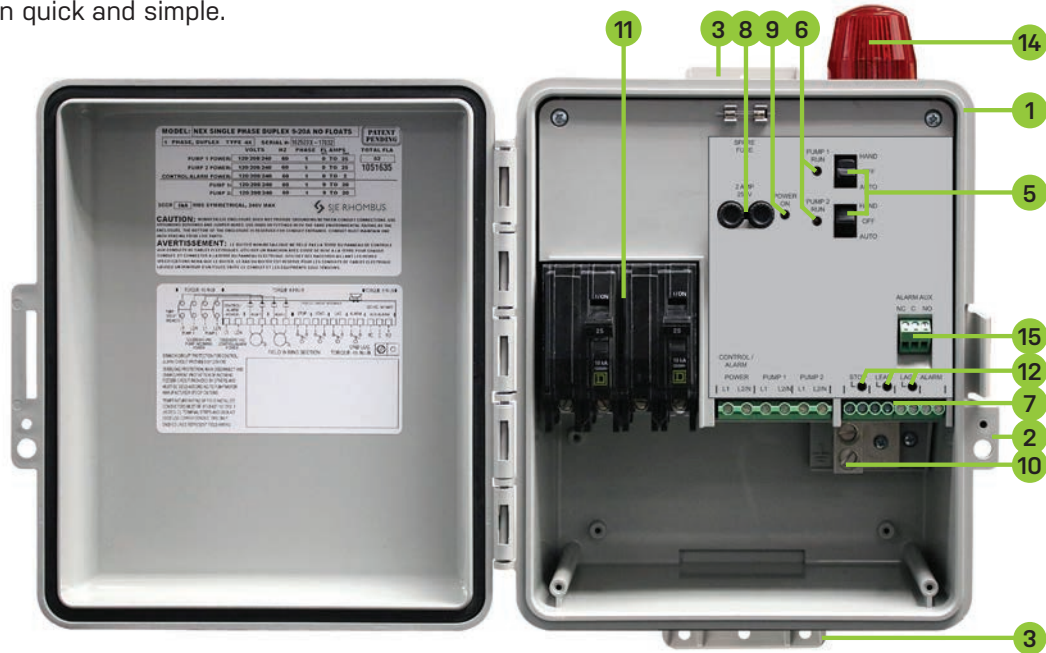
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NEX SERIES® SINGLE PHASE DUPLEX CONTROL PANEL

Single phase, duplex motor contactor control.

The **NEX Series®** duplex control panel is designed to alternately control two 120, 208, or 240 VAC single phase pumps in water and wastewater applications. The alternating action equalizes pump wear. In addition, 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 (25.4 x 20.32 x 10.16 cm) is ideal for residential applications. Universal pump voltage and control/alarm power allow the NEX Series® panel to handle three voltages (120/208/240V single phase). The innovative design of internal components and integral mounting tabs make installation quick and simple.



Standard Control Panels

PANEL COMPONENTS

1. Enclosure measures 25.4 X 20.32 X 10.16 cm (10 x 8 x 4 inches) NEMA 4X (ultraviolet stabilized thermoplastic) for indoor or outdoor use
2. Padlockable Latch
3. Integral Mounting Feet
4. Power Relays (not shown) controls 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, not shown) provides individual pump run time in hours



STANDARD ALARM PACKAGE

14. Red Alarm Beacon provides 360° visual check of alarm condition
15. Auxiliary Alarm Contacts (Form C) are provided for signaling an external device
16. Alarm Horn provides audible warning of alarm condition, 85 to 90 decibel rating (not shown)
17. 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 has been cleared (not shown)



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NEX SERIES® SINGLE PHASE DUPLEX CONTROL PANEL

Single phase, duplex motor contactor control.

ORDERING INFORMATION

Part #	Description	Amps	Ship Weight
1051630	NEX Series® Single Phase Duplex, 120/208/240 VAC, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	6.35 kg
1051631	NEX Series® Single Phase Duplex, 120/208/240 VAC, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	5.44 kg
1051632	NEX Series® Single Phase Duplex, 120/208/240 VAC, no float switches	0-12	4.08 kg
1051633	NEX Series® Single Phase Duplex, 120/208/240 VAC, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	6.35 kg
1051634	NEX Series® Single Phase Duplex, 120/208/240 VAC, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	5.44 kg
1051635	NEX Series® Single Phase Duplex, 120/208/240 VAC, no float switches	9-20	4.08 kg

Part #	Description - With Optional Elapsed Time Meters	Amps	Ship Weight
1053263	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	6.35 kg
1053264	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	5.44 kg
1053265	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, no float switches	0-12	4.08 kg
1053266	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	6.35 kg
1053267	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	5.44 kg
1053268	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, no float switches	9-20	4.08 kg

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.

SPECIFICATIONS

Voltage Supply:

Pump: 120/208/240V single phase, 50/60 Hz

Control/Alarm: 120/208/240V single phase, 50/60 Hz

Enclosure: 25.4 X 20.32 X 10.16 cm (10 x 8 x 4 inches), 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, 120V Max.



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