

# 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



## 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)

SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.



**SJE RHOMBUS.**

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## ORDERING INFORMATION

Part #	Description	Amps	Ship Weight
<b>1046436</b>	NEX Series® Single Phase Simplex, 120/208/240V, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	4.08 kg
<b>1046437</b>	NEX Series® Single Phase Simplex, 120/208/240V, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	4.08 kg
<b>1047662</b>	NEX Series® Single Phase Simplex, 120/208/240V, no float switches	0-12	2.27 kg
<b>1047663</b>	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
<b>1053452</b>	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Control Switches	0-12	4.08 kg
<b>1053453</b>	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, (3) 20' SJE SignalMaster® Control Switches	9-20	4.08 kg
<b>1053454</b>	NEX Series® Single Phase Simplex, 120/208/240 VAC, w/ ETM, no float switches	0-12	2.27 kg
<b>1053455</b>	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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