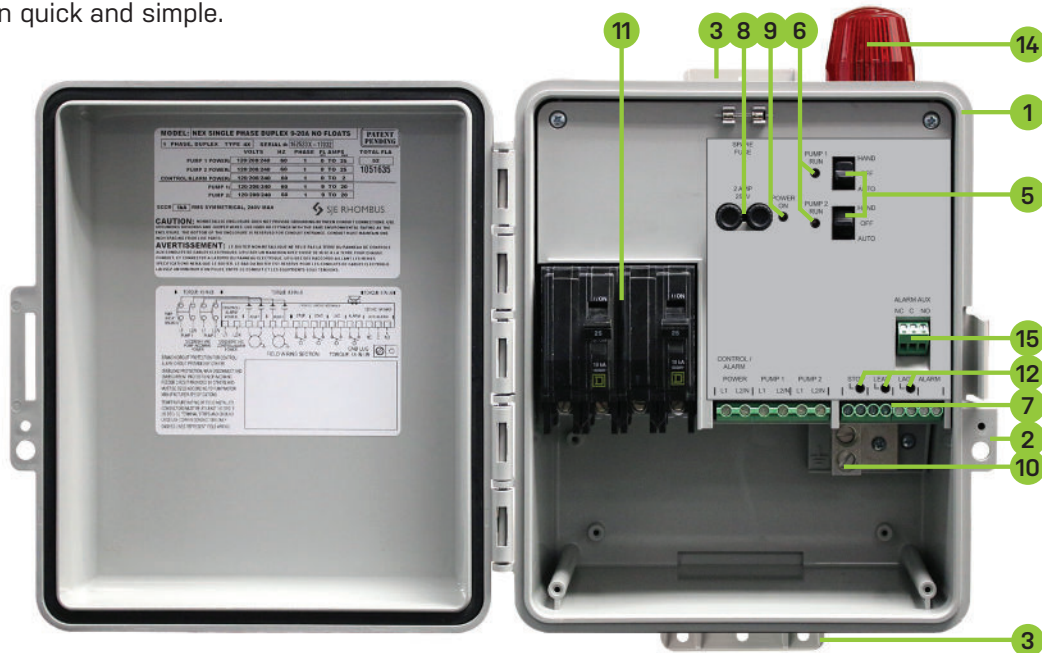


# NEX SERIES® SINGLE PHASE DUPLEX CONTROL PANEL

## 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)



**SJE RHOMBUS®**

Phone: +1 218 847 1317

email: [customer.service@sjeinc.com](mailto:customer.service@sjeinc.com)

[www.sjerrhombus.com](http://www.sjerrhombus.com) **B.5**

**SEE BACK SIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.**

# NEX SERIES® SINGLE PHASE DUPLEX CONTROL PANEL

Single phase, duplex motor contactor control.

## ORDERING INFORMATION

Part #	Description	Amps	Ship Weight
<b>1051630</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	6.35 kg
<b>1051631</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	0-12	5.44 kg
<b>1051632</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, no float switches	0-12	4.08 kg
<b>1051633</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, (4) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	6.35 kg
<b>1051634</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, (3) 6 meter (20 ft) SJE SignalMaster® control float switches	9-20	5.44 kg
<b>1051635</b>	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
<b>1053263</b>	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
<b>1053264</b>	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
<b>1053265</b>	NEX Series® Single Phase Duplex, 120/208/240 VAC, w/ETMs, no float switches	0-12	4.08 kg
<b>1053266</b>	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
<b>1053267</b>	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
<b>1053268</b>	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.



**SJE RHOMBUS**

[www.sjerrhombus.com](http://www.sjerrhombus.com)

[customer.service@sjeinc.com](mailto:customer.service@sjeinc.com)