

Single Phase, Simplex Motor Control



Panel layout may vary with options.

The NEX Series® simplex 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.

COMPONENTS

1. Enclosure measures 8 x 6 x 4 inches (20.32 x 15.24 x 10.16 cm) NEMA 4X (ultraviolet stabilized thermoplastic) for indoor or outdoor use
2. Integral padlockable latch for added safety
3. Integral mounting feet
4. Power relay controls pump by switching electrical lines (Not shown)
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) (Float/Control Voltage: 12 VDC)
13. Elapsed Time Meter (optional - not shown) provides pump run-time in hours
14. Red LED beacon provides 360° visual check of alarm condition
15. Alarm horn provides audible warning of alarm condition (85 to 90 decibel rating) (Not shown)
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 (Not shown)
17. Auxiliary Alarm Contacts are provided for signaling an external device (Form C, 5 amp, 120V max)



NEX SERIES® SINGLE PHASE SIMPLEX - Single phase, simplex motor control.

Part #	Description (without Elapsed Time Meter)	Amps	Shipping Weight	List Price
1046436	NEX Series® Simplex, 120/208/240V, (3) 20' SJE SignalMaster® Switches	0-12	9 lbs.	\$722.47
1047662	NEX Series® Simplex, 120/208/240V, No Floats	0-12	5 lbs.	\$640.78
1054597	NEX Series® Simplex, 120/208/240V, EZconnex® 3-Port, 50' with (3) 10' Floats ♣	0-12	13.6 lbs.	\$1,051.35
1046437	NEX Series® Simplex, 120/208/240V, (3) 20' SJE SignalMaster® Switches	9-20	9 lbs.	\$722.47
1047663	NEX Series® Simplex, 120/208/240V, No Floats	9-20	5 lbs.	\$640.78
1054598	NEX Series® Simplex, 120/208/240V, EZconnex® 3-Port, 50' with (3) 10' Floats ♣	9-20	13.6 lbs.	\$1,051.35
Part #	Description (with Elapsed Time Meter)	Amps	Shipping Weight	List Price
1053452	NEX Series® Simplex, 120/208/240V, with ETM, (3) 20' SJE SignalMaster® Switches	0-12	9 lbs.	\$822.20
1053454	NEX Series® Simplex, 120/208/240V, with ETM, No Floats	0-12	5 lbs.	\$740.51
1055708	NEX Series® Simplex, 120/208/240V, with ETM, EZconnex® 3-Port, 50' with (3) 10' Floats ♣	0-12	13.6 lbs.	\$1,151.08
1053453	NEX Series® Simplex, 120/208/240V, with ETM, (3) 20' SJE SignalMaster® Switches	9-20	9 lbs.	\$822.20
1053455	NEX Series® Simplex, 120/208/240V, with ETM, No Floats	9-20	5 lbs.	\$740.51
1055709	NEX Series® Simplex, 120/208/240V, with ETM, EZconnex® 3-Port, 50' with (3) 10' Floats ♣	9-20	13.6 lbs.	\$1,151.08

♣ All EZconnex® float switches are normally open with pipe clamp.

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