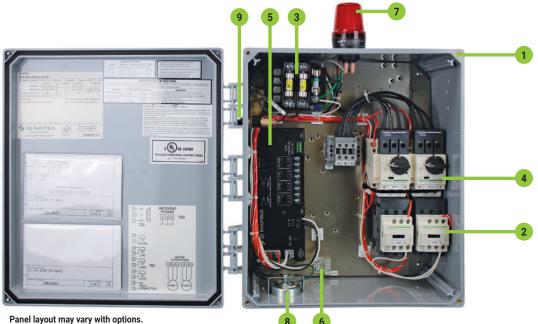
## **MODEL 322 CONTROL PANEL**

### Three Phase, Duplex Alternating Pump Control with Override





Panel layout may vary with options.

The newly redesigned Model 322 control panel controls two 208/240/480V three phase pumps in water and sewage installations. This panel includes a new innovative duplex controller for pump control, alternation and alarm; including float status LEDs, control/alarm power on/off switch with LED indicator, pump run LEDs, HOA switches, pump lead lag selector switch, auxiliary contacts and more!

The Model 322 control panel features built in lag pump delay time, pump failure detection, and float out of sequence. In addition, there are four user selectable field programmable operations: alarm steady state or flashing; alarm auto reset or manual reset; pump failure notification; and optional seal failure alarm beacon notification or beacon plus horn activation. This panel is available with optional EZconnex® float connection system.

Other features include:

9500068M Rev 07/23

© 2020 SJE, Inc. All Rights Reserved. SJE Rhombus is a trademark of SJE, Inc

- Touch safe circuit board housing and low voltage 12 VDC float circuits
- · Alarm (field programmable to flash)
- · Alarm automatic reset (field programmable to manual alarm reset)
- Float out-of-sequence detection
- · Pump fail-to-run detection (field programmable to deactivate)
- Controller protected by four auto resettable fuses (control, alarm, pump 1, and pump 2), no fuse replacement
- · Three second lag pump delay time, prevents simultaneous pump start-up

# SJE RHOMBUS.

### **COMPONENTS**

- NEMA 4X (ultraviolet stabilized thermoplastic with removable 1. mounting feet for outdoor or indoor use) enclosure; enclosure measures 14 x 12 x 6 inches (35.56 x 30.48 x 15.24 cm)
- IEC motor contactors control pumps by switching electrical 2. lines
- 3. Multi-tap transformer (208/240/480 VAC primary or 600 VAC primary transformer) provides 120 VAC control/alarm voltage
- Motor protective switches provide adjustable overload, 4 branch circuit protection and pump disconnect
- 5. Duplex controller provides pump control, alternation and alarm
  - a. HOA switches for manual control Hand/Off/Automatic b. Control power ON/OFF switch
  - C.
  - Power ON green LED indicator d. Float status red LED indicators
  - e. Float push-to-test buttons
  - Pump selector switch: Alt, 1-lead 2-lag, 2-lead 1 lag f
  - g. Auxiliary alarm contacts Form C

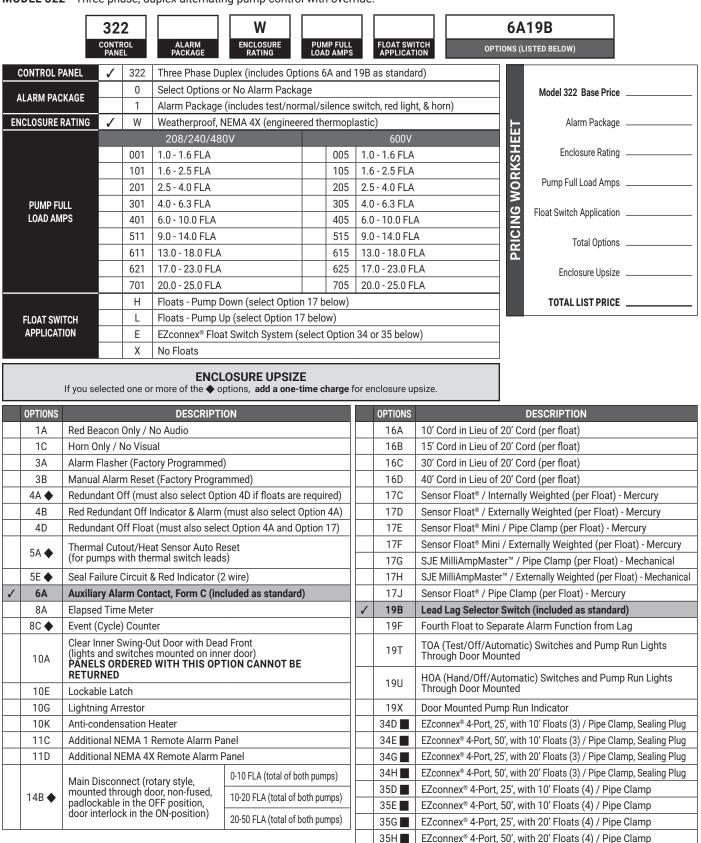
  - h. Terminal block: incoming power
    i. Terminal block: float switches i.
  - Option: adjustable seal failure circuits and red LED j.
  - indicators (must select option 5E when ordering)
- 6. Ground lugs
- 7. Red LED beacon provides 360° visual check of alarm condition
- Alarm horn provides audible alarm warning (83 to 85 decibel 8. rating)
- 9. 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 is cleared

#### Note: Options may increase enclosure size and/or change enclosure features/component layout.

Note: Schematic/Wiring Diagram and Pump Specification Label are located inside the panel.

Three Phase

MODEL 322 - Three phase, duplex alternating pump control with override.



EZconnex<sup>®</sup> mechanically-activated, narrow angle float switches with quick release connections

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



B.42