

# MODEL LA32 CONTROL PANEL

## Three phase, duplex alternating pump control with override.

The **Model LA32** control panel is designed to alternately control two 208/240/480 VAC three phase pumps in industrial and commercial water and sewage systems. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail. If an alarm condition occurs, the alarm switch activates the audio/visual alarm system. Common applications include lift stations, pump chambers, and irrigation systems.



Standard Control Panels

## PANEL COMPONENTS

Model Shown LA321W401X19BU

1. Enclosure measures 35.56 x 30.48 x 15.24 cm (14 x 12 x 6 inches)  
NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use)
2. IEC Motor Contactors control pumps by switching electrical lines
3. Multi-Tap Transformer 208/240/480 VAC primary incoming voltage with primary and secondary fuses
4. Motor Protective Switches provide adjustable overload, branch circuit protection, phase loss/imbalance protection and pump disconnect
5. DPC-4F duplex pump control four float controller
  - Float Status Indicator Lights
  - Pump Run LED's
  - Power On Light
  - Lead/Lag Selector Switch
  - Lag Pump on Delay Timer
  - Low Voltage Float Switch Terminal Block
6. Alarm Horn provides audible warning of alarm condition (83 to 85 decibel)
7. 22mm HOA (Hand/Off/Automatic) Switches mounted on door
8. 22mm Alarm Light mounted on door
9. 22mm Alarm Silence Button
10. 22mm Pump Run Lights mounted on door
11. Multi-Tap Transformer Wire (field installed for proper voltage)
12. Ground Lugs

**NOTE:** Exterior door labels are in Spanish. Installation instructions and schematic are bilingual (English/Spanish).



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

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|               |               |                  |                     |                          |                        |
|---------------|---------------|------------------|---------------------|--------------------------|------------------------|
| LA32          |               | W                |                     | X                        | 10E19BU                |
| CONTROL PANEL | ALARM PACKAGE | ENCLOSURE RATING | PUMP FULL LOAD AMPS | FLOAT SWITCH APPLICATION | OPTIONS (LISTED BELOW) |

|                          |   |      |  |
|--------------------------|---|------|--|
| CONTROL PANEL            | ✓ | LA32 | Three Phase Duplex (includes Option 10E as standard)                         |
| ALARM PACKAGE            |   | 0    | Select Options or No Alarm Package   |
|                          |   | 1    | Alarm Package (includes test/normal/silence switch, fuse, red light, & horn) |
| ENCLOSURE RATING         | ✓ | W    | Weatherproof, NEMA 4X (engineered thermoplastic)                             |
| PUMP FULL LOAD AMPS      |   | 001  | 1.0 - 1.6 FLA  |
|                          |   | 101  | 1.6 - 2.5 FLA  |
|                          |   | 201  | 2.5 - 4.0 FLA  |
|                          |   | 301  | 4.0 - 6.3 FLA  |
|                          |   | 401  | 6.0 - 10.0 FLA   |
|                          |   | 511  | 9.0 - 14.0 FLA   |
|                          |   | 611  | 13.0 - 18.0 FLA  |
|                          |   | 621  | 17.0 - 23.0 FLA  |
|                          |   | 701  | 20.0 - 25.0 FLA  |
|                          |   | 801  | 24.0 - 32.0 FLA  |
| FLOAT SWITCH APPLICATION | ✓ | X    | No Floats  |

|                   |                          |       |
|-------------------|--------------------------|-------|
| PRICING WORKSHEET | Model LA32 Base Price    | _____ |
|                   | Alarm Package            | _____ |
|                   | Enclosure Rating         | _____ |
|                   | Pump Full Load Amps      | _____ |
|                   | Float Switch Application | _____ |
|                   | Total Options            | _____ |
|                   | TOTAL LIST PRICE         | _____ |

|   | OPTIONS | DESCRIPTION  |
|---|---------|--|
| ✓ | 10E     | Lockable Latch - NEMA 4X (included as standard)                            |
| ✓ | 19B     | Lead Lag Selector Switch (included as standard)                            |
| ✓ | 19U     | HOA (Hand/Off/Automatic) Switches and Pump Run Lights Through Door Mounted |
|   | 26E     | Phase Monitor  |

For additional control panel options, please contact  
Technical Support at [techsupport@sjeinc.com](mailto:techsupport@sjeinc.com).