Single phase, duplex demand dose float controlled system for pump control and system monitoring.

The EZ Series® duplex control panel is designed to control two (alternating) 120, 208, 240 VAC single phase pumps in water and sewage installations. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail.

The EZ Series® duplex control panel features a backlit LCD display on the inside of the front cover for programming and system monitoring.

The optional post models include an access door. The post can be mounted in the ground directly, over a 4X4, or conduit. The panel is also available with optional duo alarm to meet the needs of various applications.

### PANEL COMPONENTS

1. **Enclosure** base measures 10 X 10 X 6 inches (25.4 X 25.4 X 15.24 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use). Includes locking latch as standard. **Note:** Options, voltage, and amp range selected may change enclosure size and component layout.

2. **Red Alarm Beacon** provides visual check of alarm condition.

3. **Exterior Alarm Test/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.

4. **Circuit Breakers** provide pump power disconnect and branch circuit protection.

5. **Circuit Breaker** provides control/alarm power disconnect.

6. **Power Relays** control pump(s) by switching electrical lines.

7. **Float Connection Terminal Block**

8. **Incoming Control/Alarm Power & Pump Power Terminal Block**

9. **Control Power Indicator** light illuminates if control power is present in panel.

10. **Alarm Power Indicator** light illuminates if alarm power is present in panel.

11. **Pump Run Indicators** will illuminate when pumps are called to run.

12. **Backlit LCD Display** shows system information including: pump elapsed time (hh:mm), pump events (cycles), and alarm condition (counts).

13. **Menu/Enter Button** used for viewing panel settings.

14. **Set/Change Button** used for programming panel settings.

15. **Pump 1 and Pump 2 Push To Run Momentary Switches** - Pump activates when pressed

16. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating). (Located inside panel on cover, not shown)

17. **Control and Alarm Power** - shorted condition indicators.

**NOTE:** Schematic/Wiring Diagram and Pump Specification Label are located inside the panel on enclosure cover.

### FEATURES

- Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Standard package includes: three 20' control switches or EZconnex® float system
- Complete with step-by-step installation instructions
- Five-year limited warranty

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**SJE RHOMBUS.**

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email: customer.service@sjeinc.com
www.sjerhombus.com

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California Prop 65 requires the following: **WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov**
**MODEL EZS4**

### ALARM PACKAGE

- **1** = alarm package (includes test/normal/silence switch, fuse, red light & horn) .......................... Base

### ENCLOSURE RATING

- **W** = NEMA 4X ................................................. Base

### STARTING DEVICE

- **1** = 120/208/240 VAC ........................................ Base
- **9** = 120 VAC .................................................. Base

### PUMP FULL LOAD AMPS

- **0** = 0-7 FLA .................................................. Base
- **1** = 7-15 FLA .................................................. Base
- **2** = 15-20 FLA ................................................ Base

### PUMP DISCONNECTS

- **4** = circuit breaker(s) .................................

  - 120 VAC (must select starting device option 9) ........................................... $74.00
  - 120/208/240 VAC (must select starting device option 1) ............... $148.00

### SWITCH APPLICATIONS

- **H** = floats (select 17 option) ........................................ Base
- **E** = EZconnex® float switch system (select 34 or 35 option) ......... $81.00
- **X** = no float .................................................. $81.00

**Note:** Pump down applications only.

### OPTIONS Listed below

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1J</td>
<td>Duo alarm inputs ........................................... $21.00</td>
</tr>
<tr>
<td>3A</td>
<td>Alarm Flasher (included as standard) .................... $0.00</td>
</tr>
<tr>
<td>6A</td>
<td>Auxiliary alarm contact, Form A (included as standard) $0.00</td>
</tr>
<tr>
<td>8AC</td>
<td>Display board includes: ETM counter, events (cycles) counter, alarm counter (included as standard) $0.00</td>
</tr>
<tr>
<td>10E</td>
<td>Lockable latch - NEMA 4X (included as standard) .... $0.00</td>
</tr>
<tr>
<td>10P</td>
<td>Mounting post (factory installed with 2.5&quot; cord seal) ........... $150.00</td>
</tr>
<tr>
<td>16A</td>
<td>‘10’ cord in lieu of 20’ (per float) ...................... $3.00</td>
</tr>
<tr>
<td>16B</td>
<td>‘15’ cord in lieu of 20’ (per float) ...................... $2.00</td>
</tr>
<tr>
<td>16C</td>
<td>‘30’ cord in lieu of 20’ (per float) ...................... $5.00</td>
</tr>
<tr>
<td>16D</td>
<td>‘40’ cord in lieu of 20’ (per float) ...................... $15.00</td>
</tr>
<tr>
<td>17C</td>
<td>Sensor Float® / internally weighted ▲ (per float) ........ $9.00</td>
</tr>
<tr>
<td>17D</td>
<td>Sensor Float® / externally weighted ▲ (per float) ........ $11.00</td>
</tr>
<tr>
<td>17G</td>
<td>MilliAmpMaster™/ pipe clamp ● (per float) .............. $0.00</td>
</tr>
<tr>
<td>17H</td>
<td>MilliAmpMaster™/ externally weighted ● (per float) ..... $7.00</td>
</tr>
<tr>
<td>17J</td>
<td>Sensor Float® / pipe clamp ▲ (per float) ............... $4.00</td>
</tr>
</tbody>
</table>

- ● Mechanically-activated ▲ Mercury-activated

* EZconnex® mechanically-activated, narrow angle float switches with quick release connections.

**Code  Description**

- 17D Sensor Float® / externally weighted ● (per float) $7.00
- 17G MilliAmpMaster™/ pipe clamp ● (per float) $0.00
- 17H MilliAmpMaster™/ externally weighted ● (per float) $7.00
- 17J Sensor Float® / pipe clamp ▲ (per float) $4.00
- 19F Fourth float to separate alarm function from lag (demand dose float panel only) $27.00
- 22G 2 1/2" hub installed with 6 hole cord seal $77.00
- 34D EZconnex® 4-Port, 25’, w/10’ floats (3) /pipe clamp, sealing plug $343.00
- 34E EZconnex® 4-Port, 50’, w/10’ floats (3) /pipe clamp, sealing plug $388.00
- 34G EZconnex® 4-Port, 25’, w/20’ floats (3) /pipe clamp, sealing plug $362.00
- 34H EZconnex® 4-Port, 50’, w/20’ floats (3) /pipe clamp, sealing plug $407.00
- 35D EZconnex® 4-Port, 25’ w/10’ floats (4) /pipe clamp $379.00
- 35E EZconnex® 4-Port, 50’ w/10’ floats (4) /pipe clamp $424.00
- 35G EZconnex® 4-Port, 25’ w/20’ floats (4) /pipe clamp $405.00
- 35H EZconnex® 4-Port, 50’ w/20’ floats (4) /pipe clamp $450.00

**Total Options**

**Total List Price** $1,031.00

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