

EZ Series® - Single Phase Simplex

Single phase, simplex demand dose or timed dose float controlled system for pump control and system monitoring.

The EZ Series® simplex control panel is designed to control one 120, 208, 240 VAC single phase pump in water and sewage installations.

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

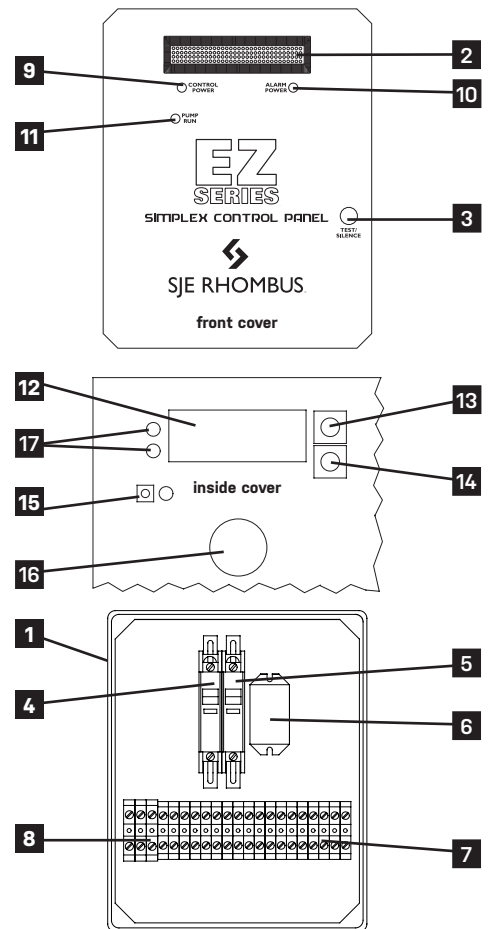
The panel configuration can be easily converted in the field to either a timed dose or demand dose.

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 8 X 6 inches (25.4 X 20.32 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 Breaker** provides pump power disconnect and branch circuit protection.
5. **Circuit Breaker** provides control/alarm power disconnect.
6. **Power Relay** controls pump by switching electrical lines.
7. **Float Connection Terminal Block**
8. **Incoming Control/Alarm Power & Pump Power Terminal Block**
9. **Control Power Indicator** indicator light illuminates if control power is present in panel.
10. **Alarm Power Indicator** indicator light illuminates if alarm power is present in panel.
11. **Pump Run Indicator** will illuminate when pump is 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 Push To Run Momentary Switch** - 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.



Model Shown EZS21W914X6A8AC10E15A (Inside view)

Reg. Cdn Pat. & TM Off

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:
 - Demand Dose** - three control switches
 - Timed Dose** - two control switches
- Available with EZconnex® float system
- Complete with step-by-step installation instructions
- Five-year limited warranty



SJE RHOMBUS®

1-888-DIAL-SJE • 1-218-847-1317

1-218-847-4617 Fax

email: customer.service@sjeinc.com

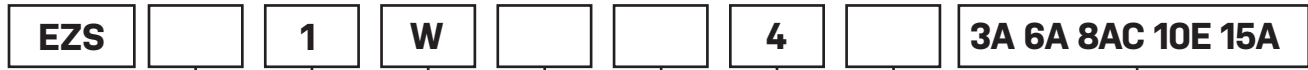
www.sjerhombus.com

B.1

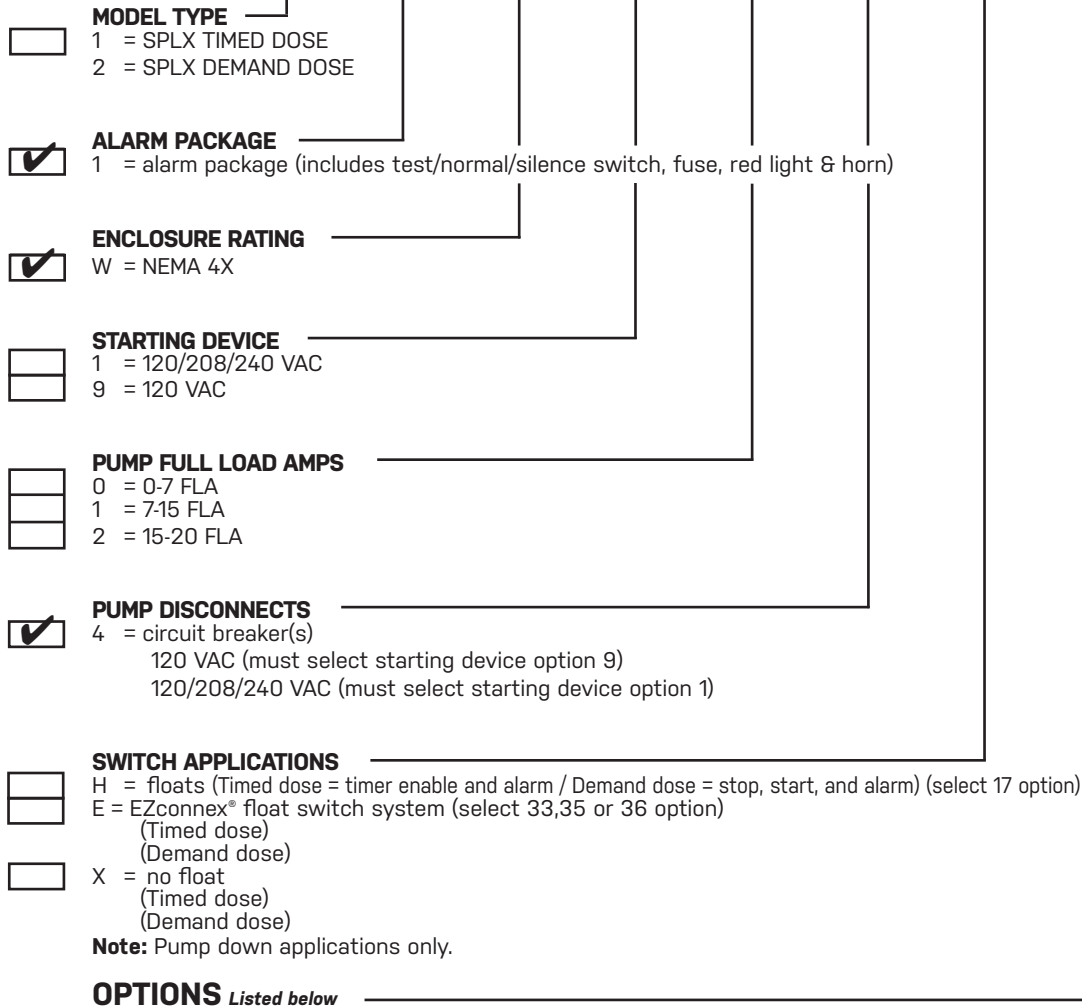
California Prop 65 requires the following: WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SEE REVERSE SIDE FOR ORDERING INFORMATION.

SEE PRICE BOOK FOR LIST PRICE.



MODEL EZS



- CODE DESCRIPTION**
- 1J Duo alarm inputs
 - 3A Alarm Flasher *(included as standard)*
 - 4A Redundant off *(timed dose float panel only)*
(select 4D if floats are required)
 - 4D Redundant off float
(must select 4A option) (must select 17 option)
 - 6A Auxiliary alarm contact, Form A *(included as standard)*
 - 8AC Display board includes: ETM counter, events (cycles) counter, alarm counter *(included as standard)*
 - 10E Lockable latch - NEMA 4X *(included as standard)*
 - 10P Mounting post *(factory installed with 2.5" cord seal)*
 - 15A Control / Alarm circuit breaker *(included as standard)*
 - 16A 10' cord in lieu of 20' *(per float)*
 - 16B 15' cord in lieu of 20' *(per float)*
 - 16C 30' cord in lieu of 20' *(per float)*
 - 16D 40' cord in lieu of 20' *(per float)*
 - 17C Sensor Float® / internally weighted ▲ *(per float)*
 - 17D Sensor Float® / externally weighted ▲ *(per float)*
 - 17G MilliAmpMaster™ / pipe clamp ● *(per float)*
 - 17H MilliAmpMaster™ / externally weighted ● *(per float)*
 - 17J Sensor Float® / pipe clamp ▲ *(per float)*

- CODE DESCRIPTION**
- 18A Timer override float (timed dose float panel only)
 - 22G 2 1/2" hub installed with 6 hole cord seal
 - 33D EZconnex® 3-Port, 25', w/10' floats (3) /pipe clamp *
 - 33E EZconnex® 3-Port, 50', w/10' floats (3) /pipe clamp *
 - 33G EZconnex® 3-Port, 25', w/20' floats (3) /pipe clamp *
 - 33H EZconnex® 3-Port, 50', w/20' floats (3) /pipe clamp *
 - 35D EZconnex® 4-Port, 25', w/10' floats (4) /pipe clamp *
(timed dose only)
 - 35E EZconnex® 4-Port, 50', w/10' floats (4) /pipe clamp *
(timed dose only)
 - 35G EZconnex® 4-Port, 25', w/20' floats (4) /pipe clamp *
(timed dose only)
 - 35H EZconnex® 4-Port, 50', w/20' floats (4) /pipe clamp *
(timed dose only)
 - 36D EZconnex® 3-Port, 25', w/10' floats (2) /pipe clamp, sealing plug *
 - 36E EZconnex® 3-Port, 50', w/10' floats (2) /pipe clamp, sealing plug *
 - 36G EZconnex® 3-Port, 25', w/20' floats (2) /pipe clamp, sealing plug *
 - 36H EZconnex® 3-Port, 50', w/20' floats (2) /pipe clamp, sealing plug *

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