

EZ Series® - Single Phase Simplex (Demand/TD)

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 display on the inside of the front cover for programming and system monitoring.

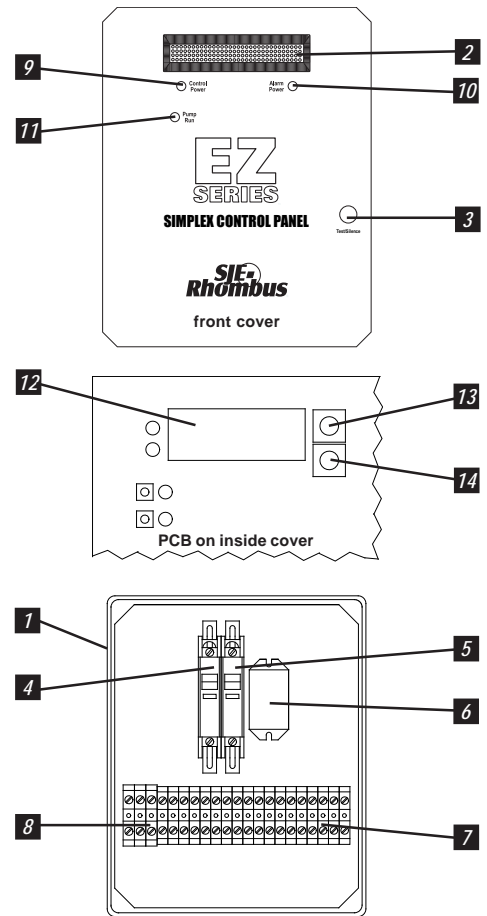
The panel configuration can be easily converted in the field to either a timed dose or demand dose.

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. **LED Display** shows system information including: pump elapsed time (hh:mm), events (cycles).
13. **Menu/Enter Button** used for viewing panel settings.
14. **Set/Change Button** used for programming panel settings.
15. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating). (Located inside panel on cover, not shown)

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 20' SJE MilliAmpMaster™ control switches
 - Timed Dose** - two 20' SJE MilliAmpMaster™ control switches
- Complete with step-by-step installation instructions
- Three-year limited warranty



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**SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.
SEE PRICE BOOK FOR LIST PRICE.**

EZS **1** **W** **4** **3A 6A 8AC 10E 15A**

MODEL EZS

MODEL TYPE

- 1 = SPLXTIMEDDOSE
- 2 = SPLXDEMANDDOSE

ALARMPACKAGE

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

ENCLOSURERATING

- W = NEMA 4X

STARTING DEVICE

- 1 = 120/208/240 VAC
- 9 = 120 VAC

PUMP FULL LOAD AMPS

- 0 = 0-7 FLA
- 1 = 7-15 FLA
- 2 = 15-20 FLA

PUMP DISCONNECTS

- 4 = circuit breaker(s)
 - 120 VAC (must select starting device option 9)
 - 120/208/240 VAC (must select starting device option 1)

SWITCH APPLICATIONS

- H = floats (Timed dose=timer enable and alarm/Demand dose=stop, start, and lag/alarm) (select 17 option)
- X = no float (Time dose) (Demand dose)

Note: Pump down applications only.

OPTIONS *Listed below*

CODE DESCRIPTION

- 1J Duo alarm inputs
- 3A Alarm Flasher *(included as standard)*
- 4A Redundant off *(timed dose only)*
(select 4D if floats are required)
- 4D Redundant off float
(must select 4A option) (must select 17 option)
- 6A Auxiliary alarm contacts, 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)*
- 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)*

CODE DESCRIPTION

- 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)*
- 18A Timer override float (timed dose only)

● Mechanically-activated ▲ Mercury-activated

If additional features are required, call the factory for a quote on an Engineered Custom control panel.

SAMPLE

MODEL **EZS** **2** **1** **W** **1** **1** **4** **H** **3A 6A 8AC 10E 15A 17G**

- Model Type _____
- Alarm Package _____
- Enclosure Rating _____
- Starting Device _____
- Pump Full Load Amps _____
- Pump Disconnects _____
- Switch Application _____

Options: Auxiliary alarm contact, form C, _____
 Display, Lockable Latch, Control/Alarm breaker,
 SJE MilliAmpMaster™/pipe clamp