

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.

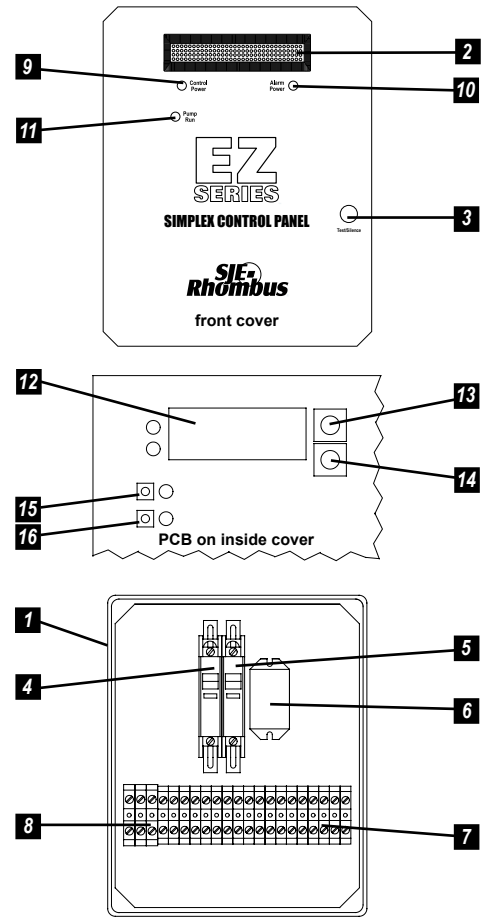
The panel configuration can be easily converted in the field to either a timed dose or demand dose.

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. **Pump 1 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)

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
- Five-year limited warranty



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SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

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

MODEL EZS

- MODEL TYPE**
 1 = SPLX TIMED DOSE \$704.00
 2 = SPLX DEMAND DOSE \$729.00
- 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) \$35.00
 120/208/240 VAC (must select starting device option 1) \$70.00
- SWITCH APPLICATIONS**
 H = floats (Timed dose = timer enable and alarm / Demand dose = stop, start, and alarm) (select 17 option) Base
 X = no float (Time dose) \$50.00
 (Demand dose) \$75.00
- Note:** Pump down applications only.

OPTIONS *Listed below*

CODE DESCRIPTION	LIST PRICE	CODE DESCRIPTION	LIST PRICE
<input type="checkbox"/> 1J Duo alarm inputs \$20.00		<input type="checkbox"/> 17C Sensor Float® / internally weighted ▲ (per float) \$5.00	
<input checked="" type="checkbox"/> 3A Alarm Flasher (included as standard) \$0.00		<input type="checkbox"/> 17D Sensor Float® / externally weighted ▲ (per float) \$7.00	
<input type="checkbox"/> 4A Redundant off (timed dose only) (select 4D if floats are required) \$0.00		<input type="checkbox"/> 17G MilliAmpMaster™ / pipe clamp ● (per float) \$0.00	
<input type="checkbox"/> 4D Redundant off float (must select 4A option) (must select 17 option) \$25.00		<input type="checkbox"/> 17H MilliAmpMaster™ / externally weighted ● (per float) \$7.00	
<input checked="" type="checkbox"/> 6A Auxiliary alarm contact, form A (included as standard) \$0.00		<input type="checkbox"/> 17J Sensor Float® / pipe clamp ▲ (per float) \$0.00	
<input checked="" type="checkbox"/> 8AC Display board includes: ETM counter, events (cycles) counter, alarm counter (included as standard) \$0.00		<input type="checkbox"/> 18A Timer override float (timed dose only) \$25.00	
<input checked="" type="checkbox"/> 10E Lockable latch - NEMA 4X (included as standard) \$0.00		<input type="checkbox"/> 22G 2 1/2" hub installed with 6 hole cord seal \$73.00	
<input type="checkbox"/> 10P Mounting post (factory installed with 2.5" cord seal) \$110.00			
<input checked="" type="checkbox"/> 15A Control / Alarm circuit breaker (included as standard) \$0.00			
<input type="checkbox"/> 16A 10' cord in lieu of 20' (per float) \$2.00			
<input type="checkbox"/> 16B 15' cord in lieu of 20' (per float) \$1.00			
<input type="checkbox"/> 16C 30' cord in lieu of 20' (per float) \$5.00			
<input type="checkbox"/> 16D 40' cord in lieu of 20' (per float) \$15.00			

● Mechanically-activated ▲ Mercury-activated

Total Options
TOTAL LIST PRICE _____

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 EZS
 Alarm Package 2
 Enclosure Rating W
 Starting Device 1
 Pump Full Load Amps 1
 Pump Disconnects 4
 Switch Application H
 Options: Auxiliary alarm contact, form C, Display, Lockable Latch, Control/Alarm breaker, SJE MilliAmpMaster™/pipe clamp

EZS2	.....	\$729.00
1	.....	Base
W	.....	Base
1	.....	Base
1	.....	Base
4	.....	\$70.00
H	.....	Base
3A	.....	Base
6A	.....	Base
8AC	.....	Base
10E	.....	Base
15A	.....	Base
17G	.....	\$0.00
TOTAL LIST PRICE		\$799.00