EZ Series® - Single Phase Duplex

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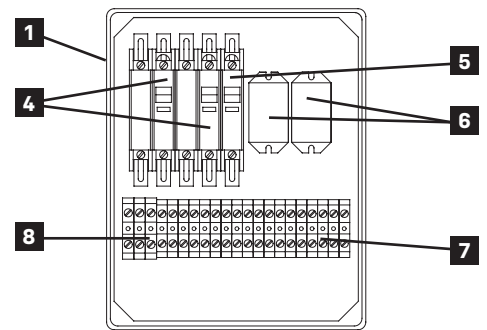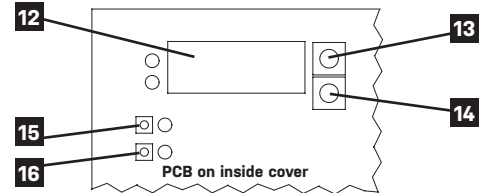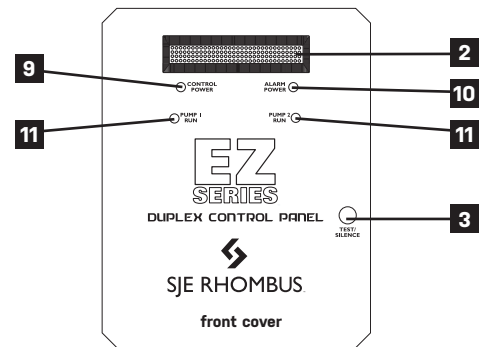
The EZ Series® duplex control panel features a display on the inside of the front cover for programming and system monitoring.

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. **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 on enclosure cover.

Model Shown EZS41W114X6A8AC10E15A (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: three 20' control switches or EZconnex® float system

- Complete with step-by-step installation instructions

- Five-year limited warranty

SEE REVERSE SIDE FOR ORDERING INFORMATION.

EZS4	1	W			4		3A 6A 8AC 10E 15A

MODEL EZS4 .... $ 944.00

☑ **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) $70.00
    120/208/240 VAC (must select starting device option 1) ....$140.00 _____

☐ **SWITCH APPLICATIONS**
H = floats (select 17 option) .... Base
E = EZconnex® float switch system (select 34 or 35 option) .... -$75.00
X = no float .... -$75.00 _____
Note: Pump down applications only.

OPTIONS *Listed below*

Total Options _____
TOTAL LIST PRICE _____

	CODE	DESCRIPTION	LIST PRICE
☐	1J	Duo alarm inputs	$20.00
☑	3A	Alarm Flasher *(included as standard)*	$0.00
☑	6A	Auxiliary alarm contact, form A *(included as standard)*	$0.00
☑	8AC	Display board includes: ETM counter, events (cycles) counter, alarm counter *(included as standard)*	$0.00
☑	10E	Lockable latch - NEMA 4X *(included as standard)*	$0.00
☐	10P	Mounting post *(factory installed with 2.5" cord seal)*	$110.00
☑	15A	Control / Alarm circuit breaker *(included as standard)*	$0.00
☐	16A	10' cord in lieu of 20' *(per float)*	-$2.00
☐	16B	15' cord in lieu of 20' *(per float)*	-$1.00
☐	16C	30' cord in lieu of 20' *(per float)*	$5.00
☐	16D	40' cord in lieu of 20' *(per float)*	$15.00
☐	17C	Sensor Float® / internally weighted ▲ *(per float)*	$9.00
☐	17D	Sensor Float® / externally weighted ▲ *(per float)*	$11.00
☐	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

	CODE	DESCRIPTION	LIST PRICE
☐	19F	Fourth float to separate alarm function from lag (demand dose float panel only)	$25.00
☐	22G	2 1/2" hub installed with 6 hole cord seal	$73.00
☐	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

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