

EZ Series® - Single Phase Duplex (Demand)

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.

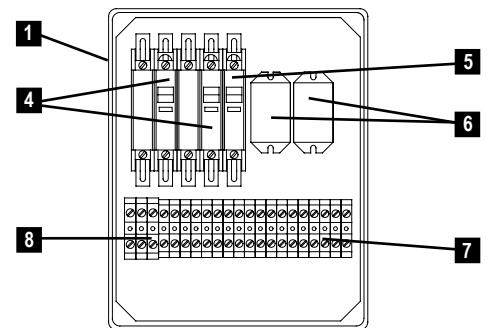
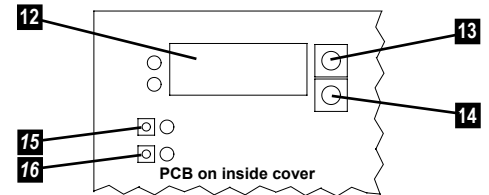
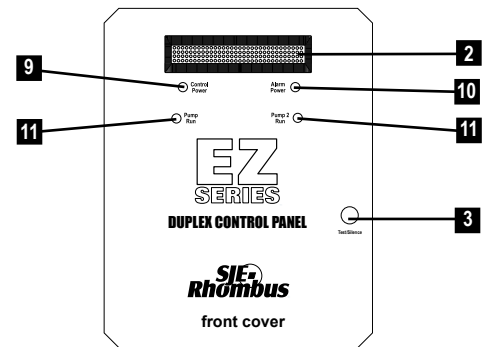
The EZ Series® duplex control panel features a display on the inside of the front cover for programming and system monitoring.

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' SJE MilliAmpMaster™ control switches
- Complete with step-by-step installation instructions
- Five-year limited warranty



SJE Rhombus

PO Box 1708, Detroit Lakes, MN 56502

1-888-DIAL-SJE • 1-218-847-1317

1-218-847-4617 Fax

email: customer.service@sjerhombus.com

www.sjerhombus.com B.3

SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

EZS4	1	W			4		3A 6A 8AC 10E 15A		
MODEL EZS4								\$ 925.00	
<input checked="" type="checkbox"/>	ALARM PACKAGE							Base	
	1 = alarm package (includes test/normal/silence switch, fuse, red light & horn)								
<input checked="" type="checkbox"/>	ENCLOSURE RATING							Base	
	W = NEMA 4X								
<input type="checkbox"/>	STARTING DEVICE							Base	
	1 = 120/208/240 VAC								
<input type="checkbox"/>	9 = 120 VAC							Base	
<input type="checkbox"/>	PUMP FULL LOAD AMPS							Base	
	0 = 0-7 FLA								
<input type="checkbox"/>	1 = 7-15 FLA							Base	
<input type="checkbox"/>	2 = 15-20 FLA							Base	
<input checked="" type="checkbox"/>	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	
<input type="checkbox"/>	SWITCH APPLICATIONS							Base	
	H = floats (select 17 option)								
<input type="checkbox"/>	X = no float							-\$75.00	
Note: Pump down applications only.									
OPTIONS <i>Listed below</i>									
								Total Options	
								TOTAL LIST PRICE	

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 checked="" type="checkbox"/>	6A Auxiliary alarm contact, form A (included as standard)	\$0.00	<input type="checkbox"/>	17G MilliAmpMaster™ / 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"/>	17H MilliAmpMaster™ / externally weighted ● (per float)	\$7.00
<input checked="" type="checkbox"/>	10E Lockable latch - NEMA 4X (included as standard)	\$0.00	<input type="checkbox"/>	17J Sensor Float® / pipe clamp ▲ (per float)	\$0.00
<input type="checkbox"/>	10P Mounting post (factory installed with 2.5" cord seal)	\$110.00	<input type="checkbox"/>	19F Fourth float to separate alarm function from lag (demand dose float panel only)	\$25.00
<input checked="" type="checkbox"/>	15A Control / Alarm circuit breaker (included as standard)	\$0.00	<input type="checkbox"/>	22G 2 1/2" hub installed with 6 hole cord seal	\$73.00
<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

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

SAMPLE								EZS4	\$925.00
MODEL	EZS	4	1	W	1	1	4	H	3A 6A 8AC 10E 15A 17G
Model Type									1 Base
Alarm Package									W Base
Enclosure Rating									1 Base
Starting Device									1 Base
Pump Full Load Amps									4 \$140.00
Pump Disconnects									H Base
Switch Application									3A Base
Options: Auxiliary alarm contact, form C,									6A Base
Display, Lockable Latch, Control/Alarm breaker,									8AC Base
SJE MilliAmpMaster™/pipe clamp									10E Base
									15A Base
									17G \$0.00
									TOTAL LIST PRICE \$1065.00