

# EZ Series® In-Site® CL Bluetooth® Single Phase Simplex

Single phase, simplex demand dose or timed dose C-Level™ sensor controlled system for pump control and system monitoring via a Bluetooth® wireless connection.

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

The panel configuration can be easily converted in the field to either a timed dose or demand dose using a tablet or smartphone. All system data including pump run times, pump cycles, alarm conditions, power outages, and more can be downloaded to the same mobile device using the exclusive EZ Connect wireless app. The EZ Connect Mobile Android application was developed for use with the Samsung S® 5 smart phone and the Nexus™ 7 tablet. Data reports make diagnosing system conditions easy.

The optional post models include an access door. The post can be mounted in the ground directly, over a 4X4, or conduit.

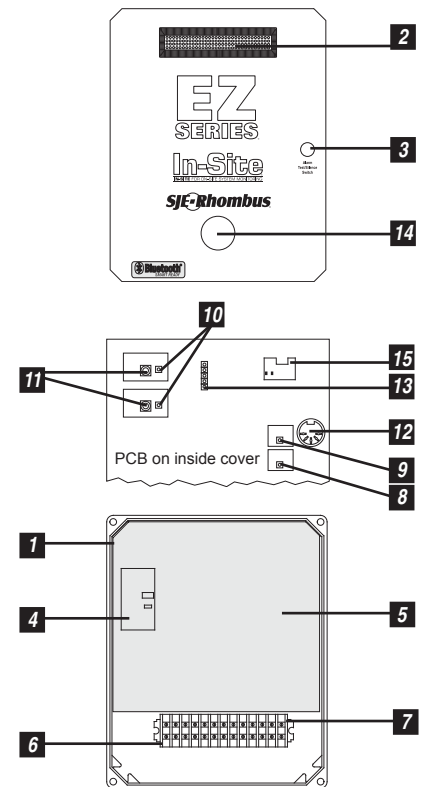
The C-Level™ sensor is a pressure transducer that senses the liquid level in the tank and sends a signal to the EZ Series® In-Site® panel. C-Level™ CL40 sensor operating range is 3-39.9 inches (7.6-101.3 cm). C-Level™ CL100 operating range is 3-99.5 inches (7.6-252.7 cm).

## 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.
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. **Safety Cover** with touch safe design.
6. **C-Level™ Sensor/Float Connection Terminal Block**
7. **Incoming Control/Alarm Power & Pump Power Terminal Block**
8. **Control Power Indicator** light illuminates if control power is present in panel.
9. **Alarm Power Indicator** light illuminates if alarm power is present in panel.
10. **Pump Run Indicator** illuminates when pump is called to run.
11. **Pump Push to Run Switch**
12. **Modbus Port Connector**
13. **Tank Level Indicator**
14. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
15. **Bluetooth® Wireless Module**

**NOTE:** Wiring Diagram and Pump Specification Label are located inside the panel.

**NOTE:** Optional data cable (PN1032222) required to configure panel and download data to PC.



Model Shown  
EZIS1W114C3A4A6A10E24E30A

Reg. Cdn Pat. & TM Off

C-Level™ Sensor US Patent No. 8,336,385; 8,567,242; 8,650,949

## FEATURES

- Entire control system is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Bluetooth® wireless connection for easy configuration and data downloading to an Android mobile device
- Standard package includes:  
**C-Level™ CL40 sensor**  
with 4' vent tube and 20' cord
- Complete with step-by-step installation instructions
- Five-year limited warranty



# SJE Rhombus®

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**SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.**

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**EZI S 1 W 1 4 C 3A 4A 6A 10E30A**

**MODEL EZI**

- MODEL TYPE**  
S = SIMPLEX..... \$1283.00
- 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
- PUMP FULL LOAD AMPS**  
0 = 0-7 FLA..... Base  
1 = 7-15 FLA..... Base  
2 = 15-20 FLA..... Base
- PUMP DISCONNECTS**  
4 = circuit breaker..... Base
- SWITCH APPLICATIONS**  
C = C-Level™ sensor (must choose 24 or 29 option)..... Base  
*Note: Pump down applications only.  
Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.*

**OPTIONS** *Listed below*

Total Options \_\_\_\_\_  
**TOTAL LIST PRICE** \_\_\_\_\_

CODE DESCRIPTION	LIST PRICE	CODE DESCRIPTION	LIST PRICE
<input checked="" type="checkbox"/> 3A Alarm Flasher (included as standard) .....	\$0.00	<input type="checkbox"/> 17C Sensor Float® / internally weighted ▲ (per float) .....	\$5.00
<input type="checkbox"/> 3E High water alarm float (must select 17 option) .....	\$25.00	<input type="checkbox"/> 17D Sensor Float® / externally weighted ▲ (per float) .....	\$7.00
<input checked="" type="checkbox"/> 4A Redundant off (included as standard) .....	\$0.00	<input type="checkbox"/> 17G SJE 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 SJE 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"/> 10E Lockable latch - NEMA 4X (included as standard) .....	\$0.00	<input type="checkbox"/> 24E C-Level™ CL40 sensor with 4' vent tube and 20' cord .....	Base
<input type="checkbox"/> 10P Mounting post (factory installed) .....	\$90.00	<input type="checkbox"/> 24F C-Level™ CL40 sensor with 4' vent tube and 40' cord ...	\$30.00
<input type="checkbox"/> 16A 10' cord in lieu of 20' (per float) .....	-\$2.00	<input type="checkbox"/> 24G C-Level™ CL40 sensor with 8' vent tube and 20' cord .....	\$5.00
<input type="checkbox"/> 16B 15' cord in lieu of 20' (per float) .....	-\$1.00	<input type="checkbox"/> 24H C-Level™ CL40 sensor with 8' vent tube and 40' cord ...	\$35.00
<input type="checkbox"/> 16C 30' cord in lieu of 20' (per float) .....	\$5.00	<input type="checkbox"/> 24X No C-Level™ CL40 sensor .....	-\$280.00
<input type="checkbox"/> 16D 40' cord in lieu of 20' (per float) .....	\$15.00	<input type="checkbox"/> 29A C-Level™ CL100 sensor w/10' vent tube & 20' cord .....	\$10.00
		<input type="checkbox"/> 29B C-Level™ CL100 sensor w/10' vent tube & 40' cord	\$40.00
		<input type="checkbox"/> 29X No C-Level™ CL100 sensor -	\$280.00
		<input checked="" type="checkbox"/> 30A Bluetooth® Wireless Module	Base

● Mechanically-activated ▲ Mercury-activated

**ALSO AVAILABLE**

1032222 - EZ Series® Insite® CL data connection cable ..... Contact SJE-Rhombus® Customer Service Department for price.

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

**SAMPLE**

<b>MODEL</b>	<b>EZI S 1 W 1 1 4 C 3A 4A 6A 10E24E30A</b>	EZIS .....	\$1283.00
Model Type	S	1 .....	Base
Alarm Package	1	W .....	Base
Enclosure Rating	W	1 .....	Base
Starting Device	1	1 .....	Base
Pump Full Load Amps	1	4 .....	Base
Pump Disconnects	4	C .....	Base
Switch Application	C	3A .....	Base
Options: Flasher, Redundant Off, Auxiliary Alarm	3A	4A .....	Base
Contact (form A), Lockable Latch, CL40 Sensor, Bluetooth® Wireless Module	4A	6A .....	Base
	6A	10E .....	Base
	10E	24E .....	Base
	24E	30A .....	Base
	30A		
		<b>TOTAL LIST PRICE</b>	<b>\$1283.00</b>