

# MODEL RLS DUPLEX Control Panel

Single phase, duplex alternating pump control with override.

The Duplex Model RLS (Relay Logic Series™) control panel is designed to alternately control two 120, 208, or 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. If an alarm condition occurs, an alarm switch activates the audio/visual alarm system. Common applications include pump chambers, sump pump basins, irrigation systems and lift stations.

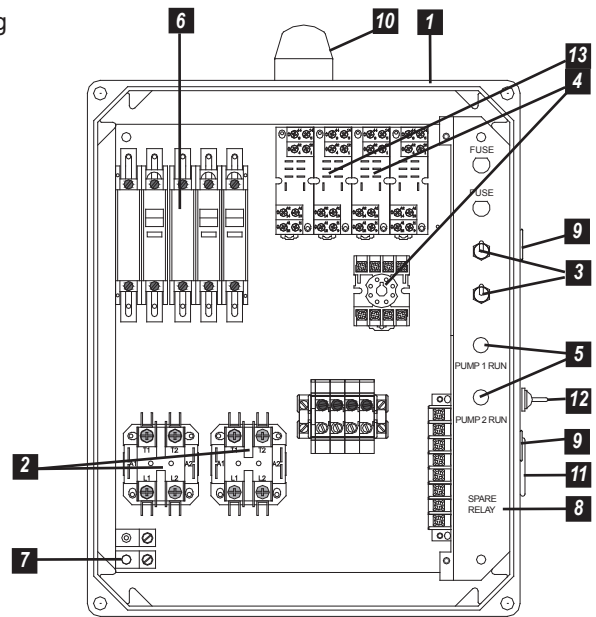
## PANEL COMPONENTS

1. **Enclosure** measures 14 X 12 X 6 inches (35.5 X 30.5 X 15.24 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use).
2. **Magnetic Motor Contactors** control pumps by switching electrical lines.
3. **HOA Switches** for manual pump control.
4. **Relay Logic** provides pump control and alternation.
5. **Green pump Run Indicator Lights**
6. **Circuit Breakers** provide pump disconnect, branch circuit protection, and control/alarm power disconnect.
7. **Ground Lugs**
8. **Spare Replacement Control Relay**
9. **Lockable Latches(2)**

**NOTE:** Schematic is located inside the panel on enclosure cover.

## STANDARD ALARM PACKAGE

10. **Red Alarm Beacon** provides 360° visual check of alarm condition.
11. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
12. **Exterior Alarm Test/Normal/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.
13. **Horn Silence Relay**



Model Shown RLS DUPLEX



## 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 SignalMaster® control switches
- Complete with step-by-step installation instructions
- Five-year limited warranty

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

**SJE**  
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Part #	Description	Shipping Weight
1038604	RLS41W114H10E15A17A - Includes (3) 20ft SignalMaster® control switches	16.00 lbs.
1038602	RLS41W114X10E15A - No Floats	12.15 lbs.

SEE PRICE BOOK FOR LIST PRICE.

## SPECIFICATIONS

**VOLTAGE:** 120/208/240 VAC

**PHASE:** Single Phase

**PUMP FLA:** 7-15 Amps

**ENCLOSURE** measures 14 X 12 X 6 inches (35.5 X 30.5 X 15.24 cm).  
NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use).



**Call or fax your order!**

**1-888-DIAL-SJE (1-888-342-5753) ■ Fax 218-847-4617**

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