

DESCRIPTION

The Run Light Control Panel is a compact, customizable controller designed for residential and light commercial applications automation and system status indication are required. It provides reliable pump operation and system monitoring using LED indicators, mechanical float inputs, and optional control accessories.

The controller accepts float switch signals for low/high water level detection, low level pump cut off and includes LED indicators for system readiness, pump activity, valve position, and fault or override conditions. Optional solenoid integration, operator interface elements, and disconnect devices allow additional system customization.

SPECIFICATIONS

Dimensions (depending on components selected)

- 16 × 14 × 8 inches
- 12 × 10 × 6 inches

Electrical Ratings

- Voltage supply options: 115V, 240V single-phase, 208V, 460V three-phase
- Amperage ranges:
 - 0–7 FLA
 - 7–15 FLA

Enclosure

- Lockable hatch
- Weatherproof, NEMA 4X Rating



Sample Panels

CONTROL & INTERFACE ELEMENTS

- Pump start relay coil options: 24V, 110V, 230V
- Input compatibility: Accepts 24V signals from various platforms
- LED indicators include:
 - System readiness
 - Run/active state
 - Valve open/closed
 - Fault or manual override
 - Water level (float up/down)

COMPONENTS

This RL Series Control Panel allows for tailored system customization, with the optional components below available for inclusion based on application requirements:

- NEMA 4X enclosure
- LED indicator lights (run, fault, valve status, readiness, level)
- Mechanical float switches (1–3 depending on option)
- Pump start relay or mechanical pump switch
- Alarm system (red light, test/silence switch)
- Solenoid valve outputs (AC or DC)
- HOA selector switch
- Circuit breaker or non-disconnect input
- Internal wiring harness and terminal strip

SELECTION & ORDERING

Example PN: RL-115-1-N-7-5-3-4-A-PC-ED-H

RL											
Series	Control Panel	Alarm Package	Enclosure Rating	Pump FLA	Pump Disconnects	Level Indication	Starting Device	Solenoid Integration	Valve Status LED	System Readiness Indicator	HOA

Control Panel	115	115V Single Phase
	208	208V Single Phase
	240	240V Single Phase
	460	460V Three Phase
Alarm Package	1	Alarm Package (includes test/normal/silence switch, fuse red light)
Enclosure Rating	N	NEMA4x
Pump Full Load Amps	7	0-7 FLA
	8	7-15 FLA
Pump Disconnects	0	No pump Disconnect
	5	Circuit Breaker
Level Indication	1	One Float – Mechanical – Up/Down
	2	Two Floats – Mechanical – Up/Down
	3	Three Floats – Mechanical – Up/Down
Starting Device	9	Pump Switch – Mechanical – Up/Down
	X	No pump switch
	4	Relay Coil 24V
	5	Relay Coil 115V
	8	Relay Coil 208V
	0	Relay Coil 240V
Solenoid Integration	A	AC
	D	DC
Valve Status LED Indicator	P	Green LED – Open
	C	Red LED – Closed
System Readiness Indicator	E	Green LED – Enabled/Pump Run Indicator
	D	Red LED – Disabled
Hand Off/Automatic (HOA)	H	HOA Switch

For additional control options, please contact an RMS representative.