

### Description

Innovative Solutions Electronic Control Packs provide a variety of solid state relay functions to be used with the standard single and multi-level float sensors. These fully encapsulated, glass reinforced Nylon modules afford solid state reliability that is resistant to shock and vibration and can operate at either 120 or 240 VAC input voltages. All three modules feature an LED power indicator with both DIN rail or chassis mounting brackets.

## LC01 Latch Cube

The Latch Cube is a start/stop control used to activate and de-activate pumps, motors, solenoid valves, etc. with resistive loads up to 15 amps. Most typically used with Innovative Solutions multi-level float switches for "pump up/pump down" control, the Latch Cube will "hold" the circuit closed once the low level switch is actuated and open that circuit to "pump down" the tank contents once the high level float switch is actuated.

The "Latch Cube" features a green LED light to indicate power to the unit, a red LED to indicate load to the circuit and a "push-to-test" button that allows manual cycling of the circuits with a yellow LED to indicate manual operation.

Input Voltage	Current Output (Max)	Operating Temperature
120VAC ±10% (Standard) 220VAC ±10% (Optional)	15A	32°F (0°C) to 158°F (70°C)

Sensor Current Max. 50mA



## SC01 Switch Cube

The switch cube allows switching of higher current loads as used with standard Innovative float sensors. The 15 amp controller uses an opto-isolator to control an AC triac output and provide full isolation and protection between the AC and DC sides. A red LED will light when the output is active.

Typical applications include small motors, pumps, solenoid valves and any resistive or inductive load where the current requirements exceed the switching capacity of the reed switch type float switch. Includes mounting bracket for DIN or chassis mounting.

Input Voltage	Current Output (Max)	Operating Temperature
120 VAC ±10% (Standard) 220VAC ±10% (Optional)	15A	32°F (0°C) to 158°F (70°C)



## PC01 Power Cube

Available in either 120VAC or 240VAC input voltages, the Power Cube has a filtered, "noise-free" 24VDC output and features internal thermal overload protection, short circuit current limiting and a green LED "power on" light. The PC01 Power Cube is designed to power transmitters and level controls.

Input Voltage	Voltage Output (Max)	Current Output (Max)	Operating Temperature
120 VAC ±10% (Standard) 220VAC ±10% (Optional)	24 VDC ±10%	80 mA (DC)	32°F (0°C) to 158°F (70°C)



Bulletin: IS-810.0  
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