

The **PLV-1** plug-in style module is a unique control module. The PLV-1 is designed to be able to operate a single 24vac (or 24vdc) device such as an irrigation solenoid valve. The low-voltage power output from the PLV-1 can directly activate devices that require up to 0.5 amps @ 24vac or 24vdc to activate. The PLV-1 features a male power plug on the back to power the module, and a terminal strip on the bottom to connect to the device you will be controlling. The user selects to use either 24VAC, or 24VDC voltage output. There are several types of plug-in types (PLV-1, PLV-1EU, PLV-1UK, PLV-1AU). Each plug type is selected for the country / region the module will be used. ***The PLV-1 comes with a standard North American plug.**

The PLV-1 uses only commercially rated components including heavy-duty power plugs, relays and internal wiring that allow the user to directly connect and control devices that use a low-voltage “on-off” signal from a control module. When the PLV-1 module is activated the connected device will run. **See maximum current and voltage below.*

Depending on which Cromptiva main controller you are using with the PLV-1, there are up to 18 different “modes” that the user can select to use in order to control different types of devices within the growing space. The control modes include Cooling, Heating, Dehumidify, Humidify, Recycling & Scheduling Timers, Lighting, Exhaust/Intake fans, CO2 increase & decrease, External alarm, Main irrigation pump & valve, Fresh water pump & valve, Fresh water fill valve, Irrigation zone valve, Tank Mixing device.

The PLV-1 can be controlled by Cromptiva’s main controllers. To connect the PLV-1 module, simply connect it to the RJ12 Sensor / Device port on your Cromptiva controller using the provided RJ12 cable and Y-splitters. You can replace multiple RJ12 Y-splitters with the UNIVERSAL multi-port RJ12 “powered” hub (RJ-HUB) to provide a centralized wiring “hub” to connect multiple device modules (AND sensors) to your Cromptiva main controller. The RJ-HUB and Cromptiva’s UNIVERSAL RJ12 expansion ports provide a cleaner and more effective cable connection system.

*** The PLV-1 modules are NOT waterproof and must be located so they are not exposed to mist or moisture directly.**

PLV-1 / Specifications

North American version shown



Model	PLV-1 / Low-voltage Plug-in Module
Protection Level	IP20
Product Dimensions	3.5x2.2x1.6" / 90x57x41mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating Input Voltage	100-240VAC
Output type	Low-voltage 24VAC or 24VDC
Maximum output current	0.5 amps
Power Consumption	≤20mA
Power inlet type	N. America / Nema, EU / “Schuko”, UK, AU
Certifications	CE, FCC

Available in Various plug configurations



N. America – Europe – UK – Australia