

The **PDM-1/PDM-2** plug-in style modules are “universal” control modules. They features a familiar combination of a device module with a male power plug on the back, and a female power receptacle on the front of the enclosure. The PDM-1/PDM-2 can be used with Cromptiva’s SEN-1, **Sentry** or GUARD-1, **Guardian** main controllers. Equipment / Devices that have a power cable, plug directly into the PDM modules. The PDM-1 is provided in both 120vac version (North America ONLY / PDM-1) and 240vac (PDM-1EU/UK/AU). The PDM-2 is a 240vac version for N. America. The PDM modules are rated for up to 10-amps of power @ 120/240v. There are several types of powered outlet “types” (PDM-1, PDM-1EU, PDM-1UK, PDM-1AU). Each plug type is selected for the country / region the outlets will be used. ***The PLV-1 comes with a standard North American plug.**

The PDM-1/PDM-2 is protected by a precision current overload designed to shut down the PDM if overloaded. (Simply unplug the module to reset the overload) Cromptiva’s plug-in style modules are built to withstand high loads. The PDM uses only commercially rated components including heavy-duty power plugs, receptacles, relays and internal wiring that allow the user to directly connect and control any devices that are less than 8-amps @ 120/240v. (10-amp max / 8-amp Continuous use)

Depending on which Cromptiva main controller you are using with the PDM-1/PDM-2, there are up to 18 different “control 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.

To connect the PDM-1/PDM-2 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 communication ports provide a cleaner and more effective cable connection system.

*** The PDM-1/PDM-2 modules are NOT waterproof and must be located so they are not exposed to mist or moisture directly.**

PDM-1 & PDM-2 / Specifications

North American 120v version shown



Available in Various plug configurations



N. America – Europe – UK – Australia

Model	PDM-1 & PDM-2 / Plug-in Module
Protection Level	IP20
Product Dimensions	2.76x2.44x2.44" / 70x62x62mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating Voltage	120VAC Nema 5-15 (PDM-1), 240VAC (PDM-1EU, PDM-1UK, PDM-1AU) 240VAC Nema 6-15 (PDM-2 *North America ONLY)
Maximum current	10-amps
Power Consumption	≤20mA
Power inlet type	North America / (Nema 5-15, Nema 6-15), EU / (Schuko), UK, AU
Certifications	CE, FCC