

The **PDC-1** plug-in style module is a versatile control module. It provides a single “dry-contact” relay that can be connected to any device that requires a relay “dry-contact” switch to activate the device. Devices such as commercial dehumidifiers, humidifiers, CO2 valves, heaters etc can be controlled using the PDC-1. The PDC-1 can be controlled by Cromptiva’s SEN-1, **Sentry** or GUARD-1, **Guardian** main controllers. The PDC-1 features a male power plug on the back to power the module, and a 3-pole terminal strip on the bottom to connect to the device you will be controlling. The SPDT relay inside the PDC module features normally open and normally closed connections and a common. There are several types of plug-in types (PDC-1, PDC-1EU, PDC-1UK, PLV-1AU). Each plug type is selected for the country / region the module will be used. **\*The PDC-1 comes with a standard North American plug.**

The PDC-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 an “on-off” signal from a control module to activate. When the PDC-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 PDC-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.

To connect the PDC-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 PDC-1 modules are NOT waterproof and must be located so they are not exposed to mist or moisture directly.**

## PDC-1 / Specifications

North American version shown



Model	PDC-1 / Dry-contact 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	Relay, dry-contact, Normally open, SPST
Maximum relay current	6-amps
Power Consumption	≤20mA
Power inlet type	North America / (Nema), EU / (Schuko), UK, AU
Certifications	CE, FCC

Available in Various plug configurations



N. America – Europe – UK – Australia