

# CNPC-1A

## Power Control Interface

The CNPC-1A provides on/off switching of AC power to any single device or load up to 15 Amps. The CNPC-1A may be controlled from any relay port or Versiport. A 3-position switch on its front panel may be used to manually force power on, or to send a momentary low-voltage contact closure signal to the control system to trigger a "power up" command. Although the CNPC-1A is not a Cresnet device, it does require DC power (24 and G) from the Cresnet bus.

### SPECIFICATIONS

#### Connectors

**AC OUTPUT:** (1) 3-prong grounded AC socket, switched AC power outlet;  
Maximum Load: 15 Amps at 120 Volts AC tungsten load

**AC INPUT:** (1) Attached cable with grounded AC plug;  
Connects to AC power source

**24V/IN/SW/C:** (1) 4-pin 5mm detachable terminal block;

- 24V: DC power input, connects to the '24' terminal of the Cresnet bus;
- IN: Control input, connects to any Versiport digital output, or any relay port referenced to system ground;
- SW: Contact closure output, connects to any Versiport or other digital input port;
- C: Common, connects to the 'G' terminal of the Cresnet bus;

The CNPC-1A must not be connected to the 'Y' or 'Z' terminals of the Cresnet Bus

#### LED Indicators

**PWR:** Indicates that the power relay is engaged

**24V:** Indicates that 24 Volts DC is supplied to the unit

#### Switch

**ON:** Produces a latched contact closure between the "IN" and "C" terminals, and closes the internal power relay

**(Center):** Normal position, allows control from an external closure across the "IN" and "C" terminals

**SW:** Produces a momentary contact closure between the "SW" and "C" terminals while held

#### Power Requirements

**Cresnet Power Usage:** 1.5 Watts (0.063 Amp @ 24 Volts DC);

Note: CNPC-1A must not be connected to the 'Y' or 'Z' terminals of the Cresnet Bus

#### Enclosure

Steel, black matte powder coat finish, freestanding (adhesive feet included)

#### Dimensions

**Height:** 1.87 in (4.74 cm)

**Width:** 4.20 in (10.67 cm)

**Depth:** 4.20 in (10.67 cm)

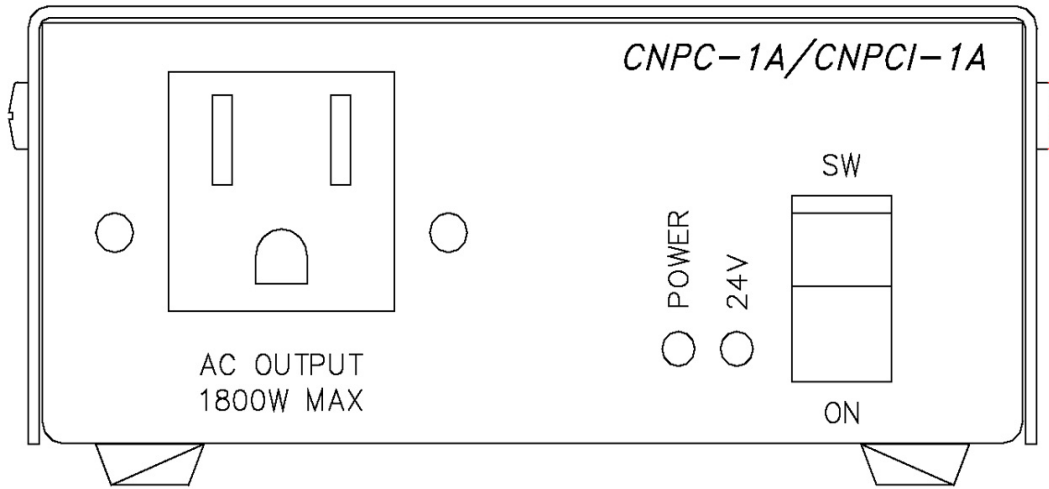
#### Weight

1.3 lb (0.6 kg)



# CNPC-1A Power Control Interface

## Back



Depth = 4.33 in (11 cm)

## Front

