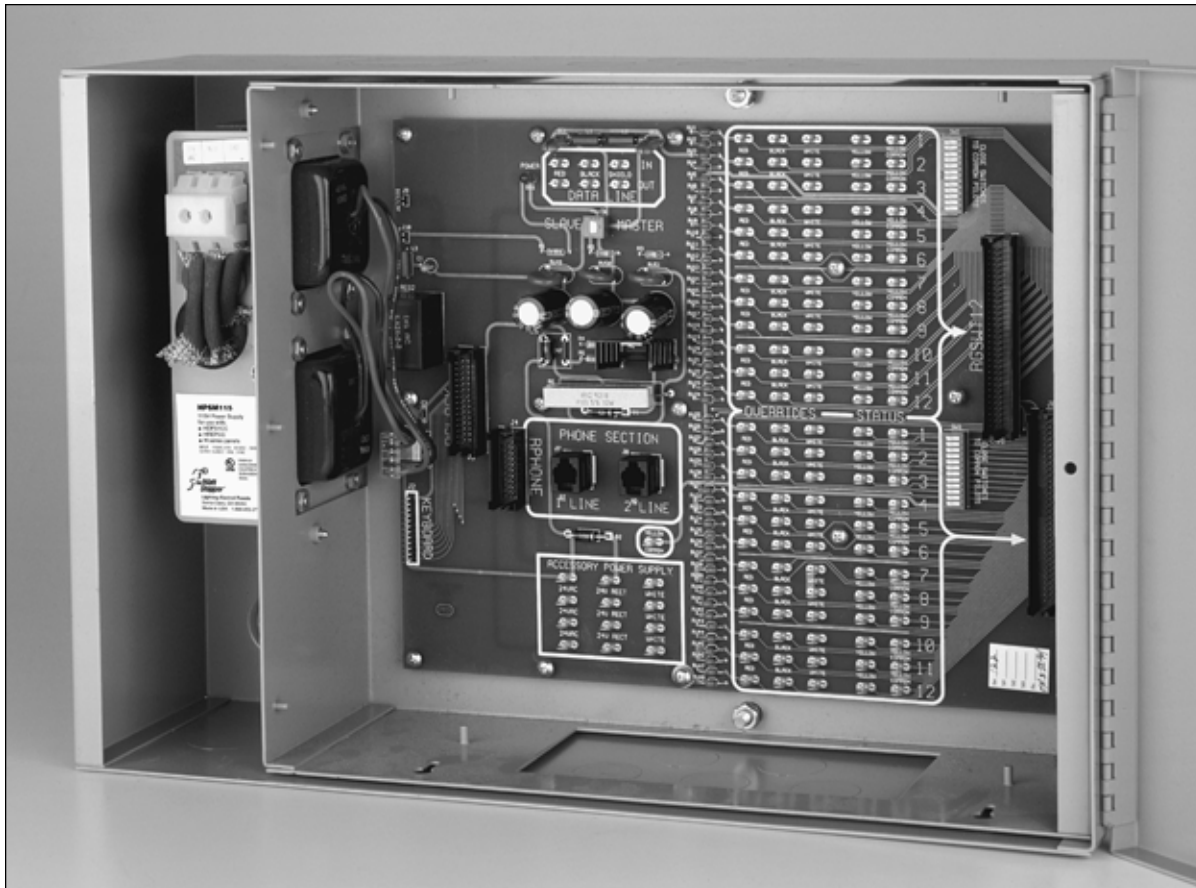


# HDPS1CC

## Dataline Power and Network Option Panel Installation and Setup

# Installation Instructions



The HDPS1CC provides two functions for Complete Control systems:

First, it powers the two-wire dataline which provides two-way communications between the intelligent relay panels and itself.

Second, it provides plug-in slots for the optional Global Switch and Telephone Override cards.

The HDPS1CC is shipped as a complete assembly including an HPSM115 115VAC power supply.

### Features

- Ability to power a 4000-foot dataline with up to 500 Complete Control panels
- Master/slave capability, making it possible to have multiple HDPS1CC units on a dataline (one master, any number of slaves)
- Two option slots for Global Switch Cards (HGSA12CC), each providing 12 global switches with associated status contacts
- One option slot for Phone Override Card (HPONxCC)
- Tub and interior combination for easy installation
- Hinged, locking shoebox cover

**Before starting, read the instructions on the reverse side. If you have any questions, call our Service Team at: 888-852-2778.**



# HDPS1CC Dataline Power and Network Option Panel — Installation and Setup

**CAUTION:** Make sure all power is off before wiring. Do not energize wiring until the unit is fully assembled. Conform to all applicable codes.

## Environment

- Mount in indoor area
- 32 to 131°F (0 to 50°C)
- 95% relative humidity, non-condensing
- 15 volts/foot, 10 KHz maximum RFI

## Mounting

The unit may be mounted anywhere on the dataline. Remove the interior from the tub before mounting.

The tub should be level, plumb and rigidly installed with hardware sufficient to hold 100 lbs. (46 kg) minimum. The nameplate label should be in the upper right hand corner. Reinstall the interior.

## Wiring

### Line voltage

Remove the terminal cap on the power supply. Connect 115 VAC wiring to the HPSM115 terminals as shown on the label. Connect the green ground wire to the tub.

### Low voltage

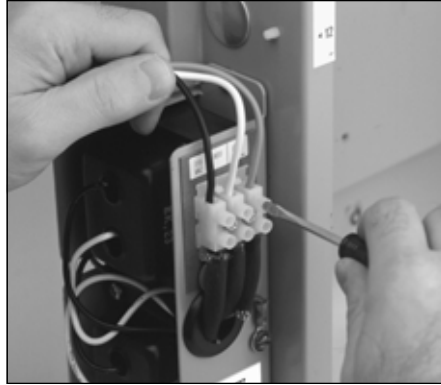
Connect the two-wire dataline and shield to the dataline terminals.

### Select Master or Slave Operation

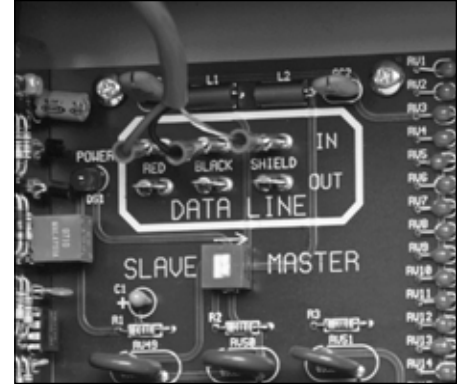
Only one HDPS1CC may be the Master Power Supply for the dataline. For this unit, slide the Slave/Master selector switch to the right. For all other units, slide it to the left. If you only have one HDPS1CC installed in the system, it must be set as the Master.

### Power Up and Test

Apply power to the unit. The voltage between the dataline red and black wires should measure 24 volts.



Connect 115 VAC wiring to the power supply terminals as shown.



Connect the two-wire dataline and shield. Set the Slave/Master selector switch to the desired position.

**Figure 1 – Dataline Power Supply Typical Network Wiring**

