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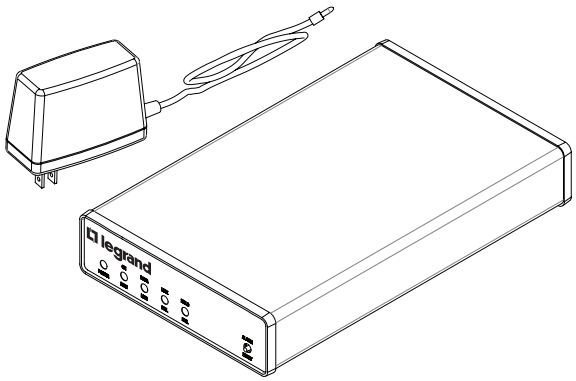
HLINKCC Dataline Communications Link for Complete Control Networks (V2)

No: 25094 – 06/22 rev. 1

Installation Instructions • Instructions d'Installation • Instrucciones de Instalación

Catalog Number • Numéro de Catalogue • Número de Catálogo: HLINKCC

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China



SPECIFICATIONS

- Industry standard RS-232 serial communications port for connection to PC
- Industry standard USB connection for connection to PC
- LED status indicators for Power, On Line and Dataline activity
- System synchronization clock with automatic adjustments for Daylignt Savings and Leap Year
- Alarm contacts with LED indication to annunciate failed field devices or the HLINKCC itself
- Random dataline access with bus arbitration supports multiple HLINKCC's on a dataline

DESCRIPTION

The HLINKCC is a dataline communications link which allows access to the Complete Control System dataline for global programming, monitoring and control. The HLINKCC also synchronizes and sets the clocks in all Lighting Control Panels on the dataline, and provides a contact closure to annunciate failed field panels or relays. Multiple HLINKCC's may be used on a single dataline to provide multiple operator stations or communications portals to other buiding control systems.

CONNECTING HLINKCC

1. Connect the dataline to the DATALINE terminals on the back of the HLINKCC.
2. Connect Shield to "S", Black to "B", and Red to "R".
3. Connect an optional external device to the isolated dry-contact closure (2A 28VDC maximum) "R" terminals on the ALARM connector, located on the back of the unit (see Figure 1).

   A remote Alarm Acknowledge momentary contact button (rated for 10mA at 12VDC) can be connected between the "G" and "S" terminal on the ALARM connector.
4. Plug the included 12 volt power supply into a 120VAC 60Hz outlet and connect the cable to the POWER connector.
5. Connect the unit to a PC, using HCABLE-C to connect to a PC.

   Alternatively, a standard USB A/B cable can be used to connect to a PC. If drivers are required to support your operating system, please refer to www.legrand.us/wattstopper.

   NOTE: All cables are available separately.

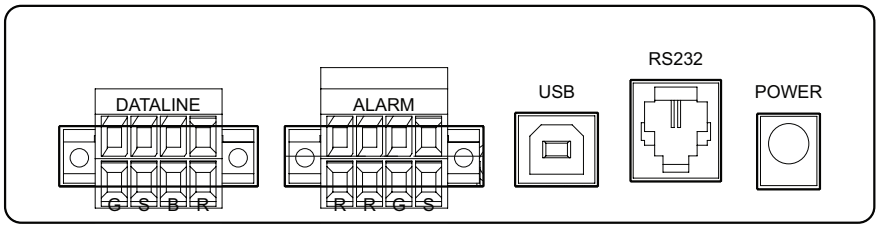


Figure 1: HLINKCC Connections

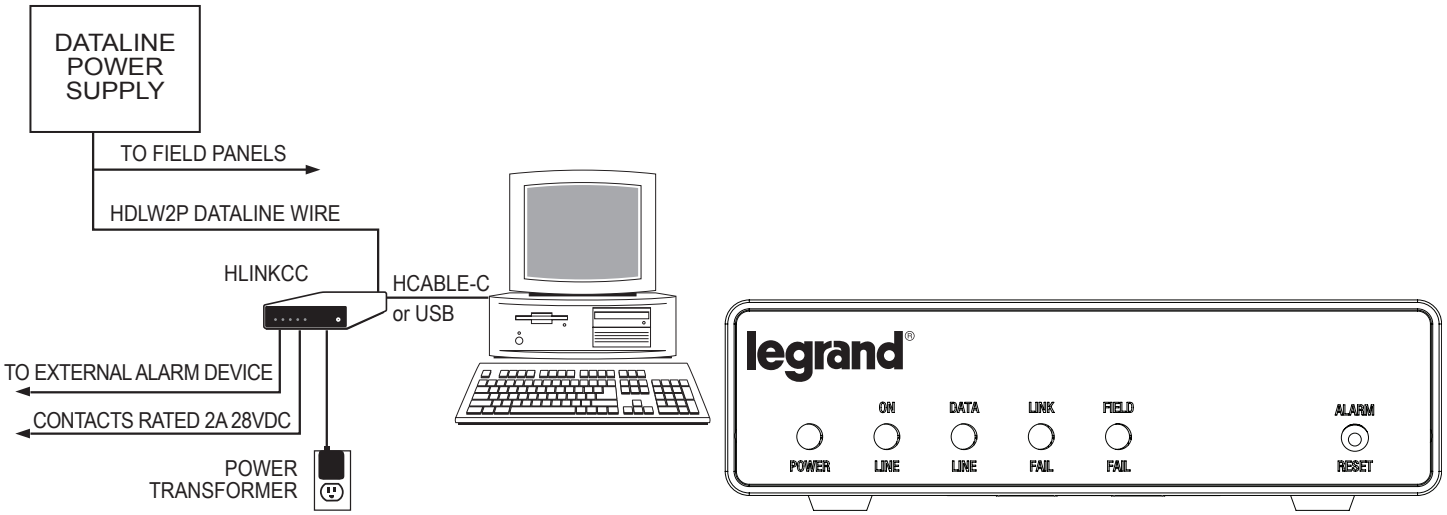


Figure 2: Connecting to PC and Dataline Power Supply

NORMAL OPERATION

Indicator	Function
POWER LED	Will be on steady green when power is applied.
ON LINE LED	Will be on steady green when online. Steady red means there are connection issues with the USB connection. Contact your PC support personnel to verify correct drivers are installed.
DATALINE LED	Will normally be steady green. If the dataline is shorted or not powered, the LED will be solid red. Short flashes of red/green are indications of messages being sent or received by the HLINKCC.
LINK FAIL LED	Will normally be on steady green. If solid red, HLINKCC needs time set or program download from WinControl.
FIELD FAIL LED	Will normally be steady green. If blinking red, a new failure has been detected in a field panel (clock needs to be set, program needs to be transferred, relay has failed). When this LED is flashing the ALARM contacts will be closed. If the LED is solid red, the field failure still exists, but the alarm has been acknowledged using either the remote alarm contacts or the front panel ALARM push button.
ALARM RESET	The FIELD FAIL indicator will continue to flash until reset by the operator. Pushing the alarm reset button will acknowledge the alarm and open the alarm contacts. The FIELD FAIL LED will now be solid red.

TROUBLESHOOTING

No communications connection with HLINKCC

Check the POWER indicator. If it is off, check the power supply.

Refer to the HSOFT-CM 1 or WinControl Software User's Manual for the proper PC configuration. Check the cable connection from the PC to HLINKCC.

HLINKCC is online, but will not communicate with LCPs

If the DATALINE LED is solid red, check the dataline connections and polarity. Confirm that the dataline power supply (DL or DP) is installed in a panel and power is applied. IF using a DL card to supply dataline power, verify that DIP Switch position #4 is **ON**.

Use the lighting control software's "Test" routine to identify panels on the dataline.

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No. 25094 – 06/22 rev. 1

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