

Easylink to Honeywell Module

PRODUCT DESCRIPTION

The Easylink Module mounts in an enclosure (P/N 587-300, 115 Vac or P/N 587-295, 230 Vac).

Once installed, the Easylink Module is positioned approximately 2-1/4 inches off the back wall of the enclosure on a board bracket and four standoffs. There are two man-machine interface (MMI) ports on the Module—the MMI and the MMI MODEM. These ports are RS-232 ports with quick-connect RJ-11 jacks.

NOTE: All circuits are supervised, except for the MMI MODEM and MMI ports.

The Memory Board, which is located underneath the Memory Board cover, plugs into the Easylink Board and contains the Honeywell module firmware (read-only memory (ROM)).

Power is supplied to the Easylink Board via a 12 Vdc plug-in power supply (P/N 545-132, 115 Vac or 545-136, 230 Vac).

NOTE: Refer to the *Easylink to Honeywell Technical Manual (587-342)* for further information about the system installation and programming constraints.

PRODUCT NUMBERS

| | |
|---------|--|
| 587-367 | Easylink to Honeywell module |
| 545-132 | FLN Controller Plug-in Power Supply, 115 Vac |
| 545-136 | FLN Controller Plug-in Power Supply, 230 Vac |
| 545-710 | Battery Replacement Kit. Refer to <i>Installation Instructions 545-408</i> |

INSTALLATION CONVENTIONS



CAUTION:

Equipment damage, or loss of data may occur if you do not follow the procedure as specified.

REQUIRED TOOLS AND MATERIALS

- Electro-static discharge (ESD) wrist strap
- Flat-blade screwdriver (1/8-inch blade width)
- Wire strippers
- Cabling and connectors (Figure 6)



CAUTION:

Always wear an electro-static discharge wrist strip and discharge accumulated static before touching field panel components.

PREREQUISITES

- Easylink enclosure installed (see *Installation Instructions P/N 587-301*).
- All conduit runs to enclosure complete.
- Staefa and Honeywell systems installed and checked out by certified representatives for each system. These checkouts must confirm that each system is operating and ready to communicate with the other system.
- Communication network wire runs from dedicated Staefa Net Controller Trunk to Easylink with wire leads stripped and mating connector available.
- All required tools and prerequisites from Honeywell system completed.

EXPECTED INSTALLATION TIME

10 minutes

VOLTAGE, CURRENT RATINGS

| | |
|---------------------|-----------------|
| BLN, FLN Trunk | RS-485 Standard |
| MMI, MMI/Modem Port | RS-232 Standard |

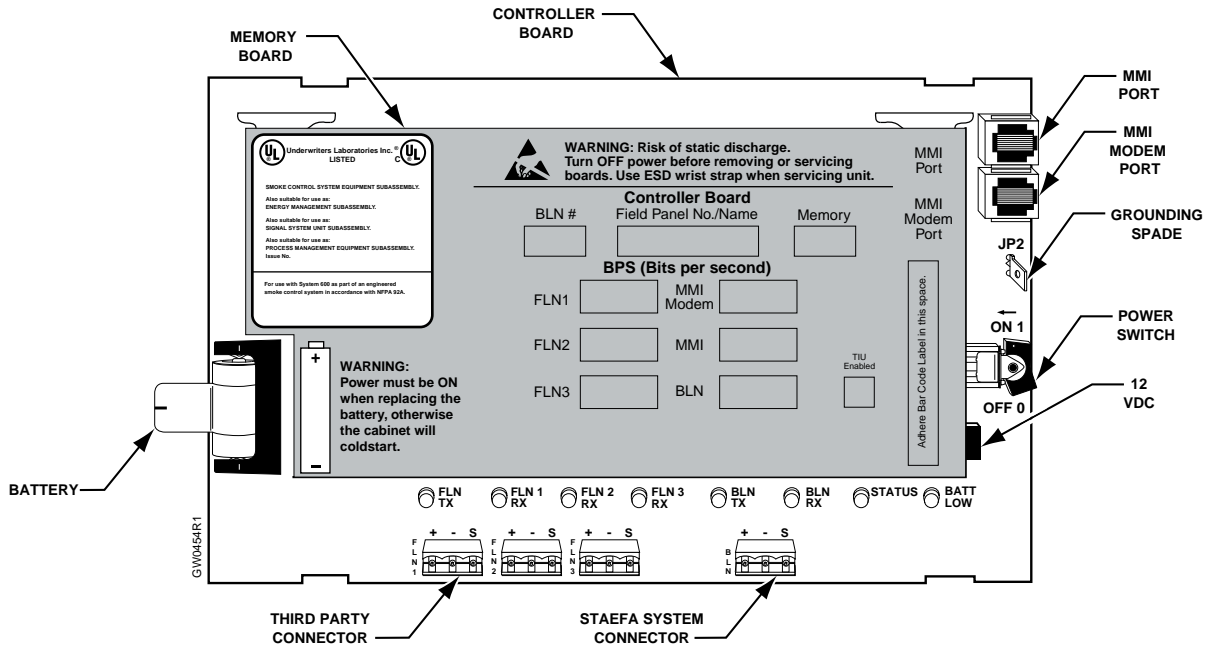


Figure 1. Easylink Controller Module.

INSTRUCTIONS

Preparing to Install the Easylink Board



CAUTION:
 Before removing or installing the Easylink Board, ensure that the power is shut OFF on the board (Figure 1).

1. Place the electro-static discharge (ESD) wrist strap on your wrist and attach it to a good earth ground.
2. Remove the temporary connector cover that is wrapped around the board bracket (Figure 2).

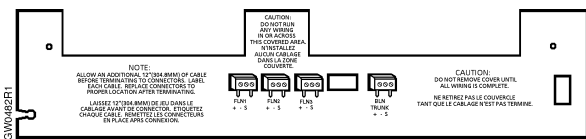


Figure 2. Temporary Cover.

3. Unpack the Easylink Module from the anti-static bag.

Installing the Easylink Board



CAUTION:
 Improperly aligning and/or installing the board may damage it.

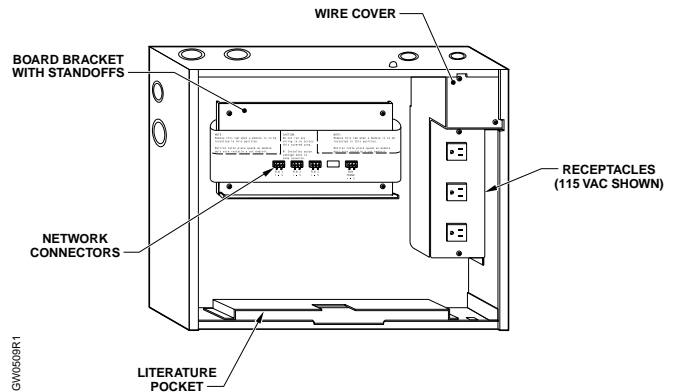


Figure 3. Easylink Enclosure Inside View.

1. Rotate the top two plastic stand-offs on the board bracket so that the clip of the standoff is positioned at the top. (Figure 3).

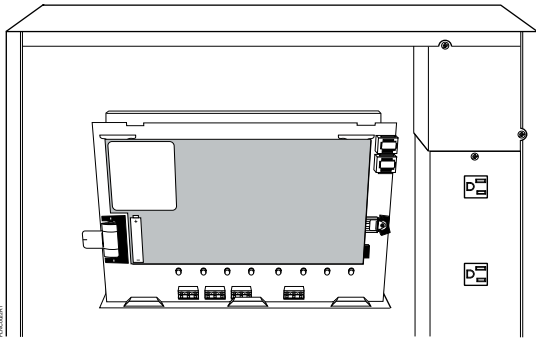


Figure 4. Module Installation.

2. With the LEDs and FLN connectors facing you, slide the bottom of the Board at a 10° angle into the bottom guides on the board bracket (Figure 4).
3. Position the Module over the standoffs.
4. Straighten the grounding strap so that the spade connector is not behind the Easylink bracket.
5. Push the Module cover back until each standoff snaps into position.
6. Plug the grounding strap wire into the grounding spade labeled JP2 on the Easylink Module (Figure 1).

7. Remove the FLN and BLN connectors from the temporary cover. Reserve for later use.
8. Discard the temporary connector cover.

Connecting Easylink to Staefa Net Controller Trunk

Follow these steps to connect the Easylink to the Staefa Net Controller Trunk:

1. Connect the Easylink BLN Port and Staefa Net Controller Trunk using the guidelines in Figure 6.
2. Move the TTL/485 switch to the RS-485 position for the Staefa Net Controller trunk that is dedicated to Easylink (Figure 5).

Connecting Easylink to Honeywell system

Follow these steps to connect the Easylink to the Honeywell system:

1. Make cable per diagram in Figure 6.
2. Connect the Easylink to the Honeywell component using the guidelines in Figure 6.

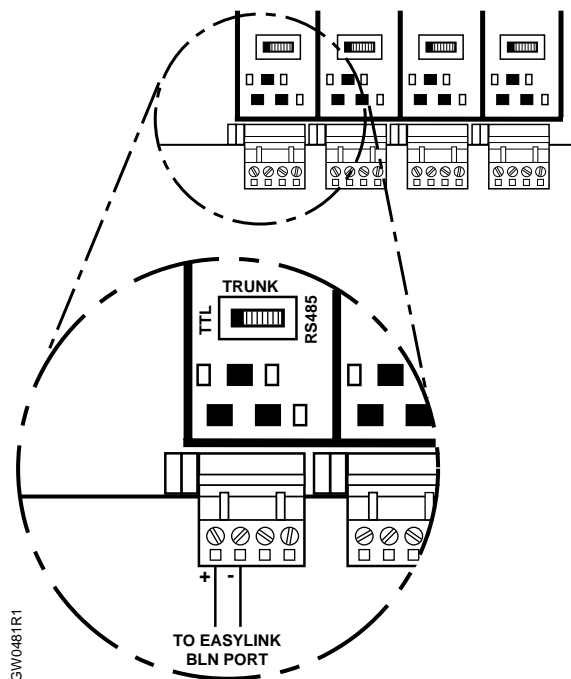
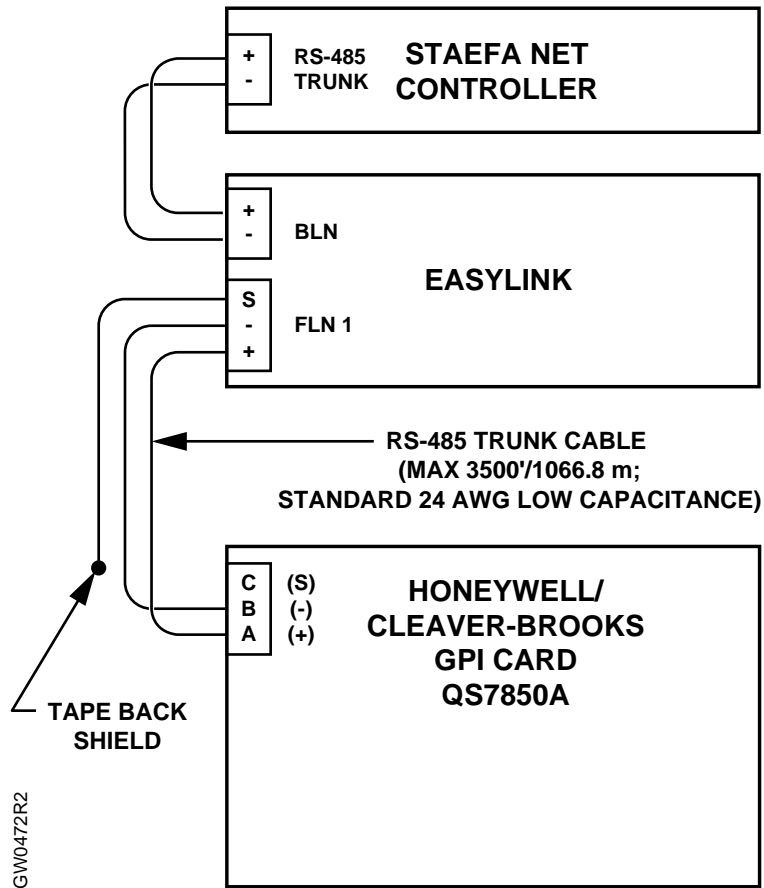


Figure 5. Staefa Net Controller TTL/485 Switch.



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Figure 6. Easylink Connection to Honeywell System.

POWERING THE EASYLINK TO HONEYWELL SYSTEM

Follow these steps to connect power to the Easylink:

1. Insert the DIN plug into the DIN socket labeled "12 Vdc" on the Easylink Module (Figure 7).

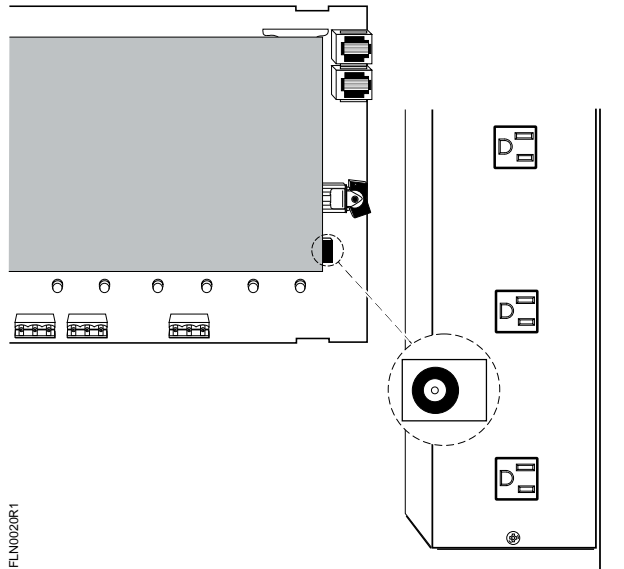


Figure 7. 12 Vdc Power Supply Connection to Easylink Module.

2. Plug the power pack into the power receptacle of the Easylink Enclosure (Figure 8).

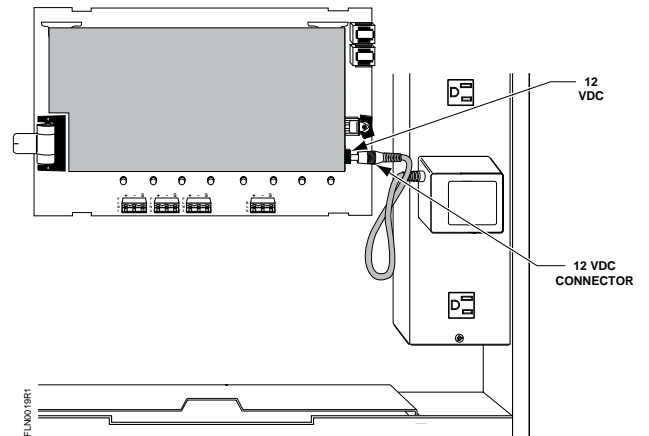


Figure 8. 115 Vac Power Supply Plugged into Power Receptacle.

3. Switch on power to Easylink (Figure 1).

NOTE: Power is on when LEDs on the bottom of the board are lit.

4. Pull the mylar strip off of top of battery (Figure 9).

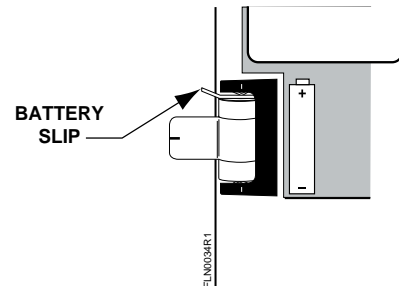


Figure 9. Battery with Mylar Slip.

The installation is now complete.

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