

Installation Instructions

Note: This product is only to be used with electronic low-voltage type transformers. Use with standard magnetic low-voltage transformers may damage the module and void the warranty.

1. Turn power off to all feeds to the panel.



Danger - This panel may be fed by multiple circuits. Locate and lock each supply circuit breaker (MCB) in the off position before proceeding.

2. Install the module's wires into the appropriate terminal blocks and secure using .4 to .56 Nm of torque (See Figure 1).



Danger - Install modules only in an HWI-PNL-8 panel (HWI-PNL-8 or HWI-PNL-8-CE) or HWI-PNL-5 panel (HWI-PNL-5 or HWI-PNL-5-CE).

3. Mount the module into the rough-in panel.

Start with position 1, then 2, then 3, etc. Do not overtighten screws, torque to 2.25 Nm maximum (See Figure 2).

4. Check that all bypass jumpers are installed.

They will distribute power to each load and should not be removed until after all modules and loads are fully installed and proven.

5. Turn on input feed circuit breakers (MCBs) and check that they do not trip.

Each module is rated for a maximum load of 10A (2300 Watts) per output at 50Hz, 9A (2070 Watts) per output at 60Hz and a total combined maximum load of 16A (3680 Watts).



Danger - Only turn on input feed circuit breakers (MCBs) when load wiring is complete and it is safe to have power applied.

6. For any feed circuit breaker (MCB) that trips,

locate the shorted load and resolve the wiring problem before proceeding.

7. Turn power OFF to all feeds to the panel.

8. Loosen all five screws on the bypass jumpers.

9. Remove and store the bypass jumpers for possible later use.



Caution - Bypass jumpers must be reused whenever a circuit breaker is turned OFF to work on a load. Damage caused by short circuits and miswiring **IS NOT COVERED** by the product warranty.

10. Turn ON input feed circuit breakers (MCBs) and check that they do not trip.

11. For any feed circuit breaker (MCB) that trips,

locate the shorted load and resolve the wiring problem before proceeding.

Figure 1 - Remote Power Module Wiring

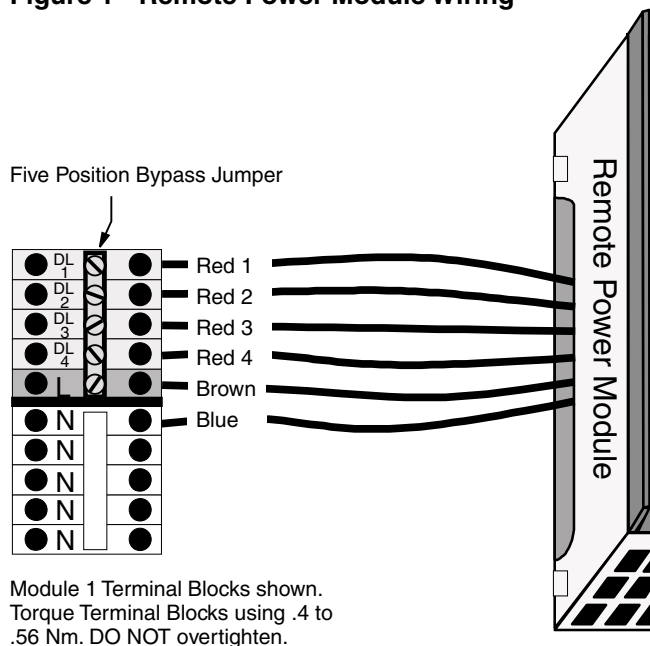
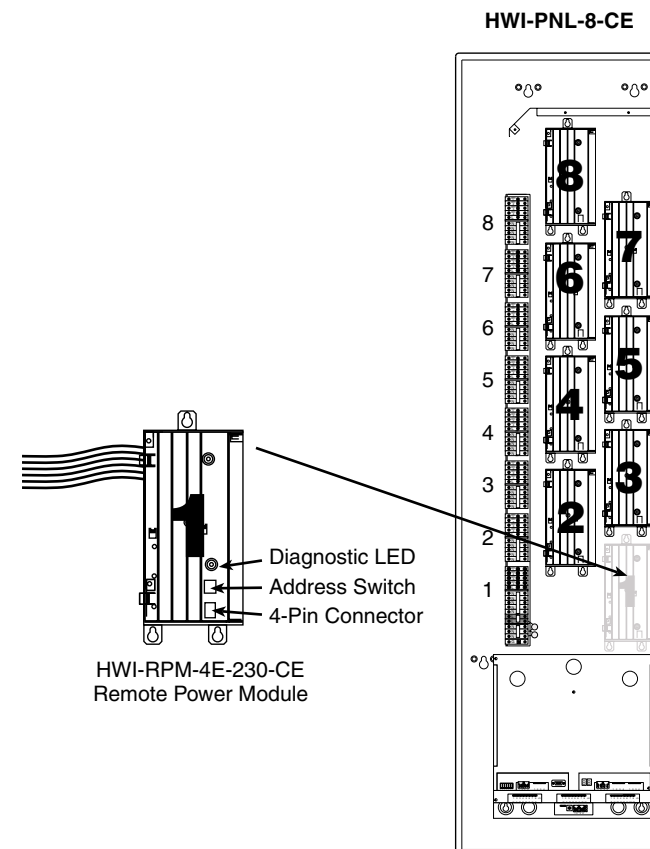


Figure 2 - Mounting Location



12. **Use the Address Switch to check the operation of the module.** See Table 1.
Note: When testing each circuit at position F, if the lights do not appear to be at full brightness, then the current rating of the module has been exceeded. Reduce load wattage until load current is within that specified in step 5 of these instructions.
13. **Set each address switch** to match the module's position (set module 1's address switch to 1, etc.).
14. After the HomeWorks Interactive Processor or Module Interface Assembly is programmed, **check each module's diagnostic LED** (light emitting diode). See Table 2.

Table 1 - Address Switch Operation

Position	Proper Module Output / Purpose
0	Internal relay ON, no output to load
1-8	Address for normal operation
9,A	Not Used
B	Red 1's output ON Full / Use to check wiring
C	Red 2's output ON Full / Use to check wiring
D	Red 3's output ON Full / Use to check wiring
E	Red 4's output ON Full / Use to check wiring
F	All outputs ON Full / Use for temporary lighting

Table 2 - Diagnostic LED Status

LED Status	Possible Cause
Off	No Power or Defective Module
1 blink per sec.	Normal Operation "Heartbeat"
1 blink per 7 seconds "Lighthouse"	<ul style="list-style-type: none"> • Not communicating with processor, open control harness. • Module not configured as Electronic Low-voltage (ELV) RPM in the HomeWorks Interactive Programming Utility.

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