Remote Power Modules (cont.)

Position	Module Output/Purpose
0	All outputs OFF
	ation
	ng and zone testing
	ng and zone testing
	ng and zone testing
	ng and zone testing
F	All outputs ON Use for temporary lighting and zone testing

RED LED - These are the first four LEDs in the column - 1-4 correspond directly to output/channel 1-4 of the module being looked at.
These LEDs show the status of that channel and the possible issues present. Using the Footnote referencing each error code you can determine what the issue is and the necessary steps to resolve.

Table 1 – **Address Switch position for HW-RPM-4U, 4A, 4R, 4FSQ**

Zone LED Status	Load Status	Description
Off	OFF	Normal; Load Off
Continuously On	ON	Inc./Electronic Dimmer
1 blink per second	ON	Magnetic Dimming
Error Codes		
1 blink; pause; repeat	OFF	Load Short Circuit/Overload[1]
2 blinks; pause; repeat	OFF	Inductive Load[2]
3 blinks; pause; repeat	ON Full	Shorted Component[3]
4 blinks; pause; repeat	OFF	DC Detection[4]

1. Locate and repair fault. Cycle power to RPM.
2. Check software configuration. MLV load detected with ELV software setting.
3. Replace RPM. Internal device (FET) shorted.
4. Possible faulty MLV load.

Table 4 – **Zone Diagnostic LED Status (4A only)**

If the BLUE LED is flashing faster than once per second or not flashing in sync with the other modules on the system - consult the LED blinking rate of the RED LEDs and see which ouput is showing an error based on the above chart
Finding the module with a BLUE LED flashing incorrectly is the FIRST STEP!

urpose
l operation
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l motor testing
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l motor testing

witch position for HW-RPM-4M

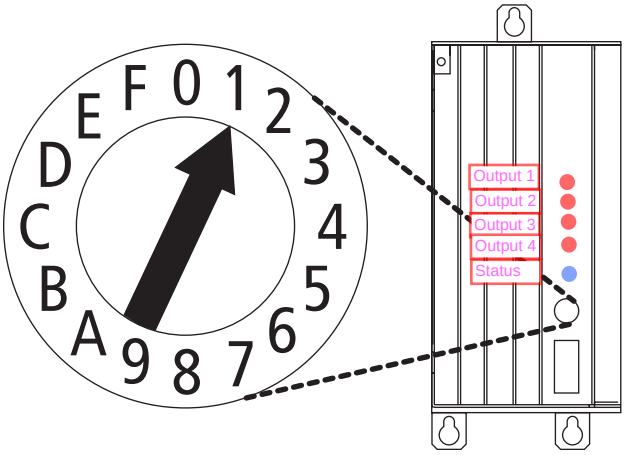

Figure 3 – **Enlarged view of Address Switch**

Unit LED Status	Possible Cause
Off	No Power or Defective Module
1 blink per sec.	Normal Operation "Heartbeat"
1 blink per 7 seconds "lighthouse"	Not communicating with processor: open control harness; module set on invalid or diagnostic address; system not properly configured or addressed in HomeWorks software
4 blinks; pause; repeat	Module in Manual Override

Table 3 – **Diagnostic LED status for HW-RPM-4U, 4A, 4R, 4M, 4FSQ**

BLUE LED which is the 5th LED down
This is the "Module Status" LED which shows information about the whole module - not individual circuits/channels

BACK ROOM