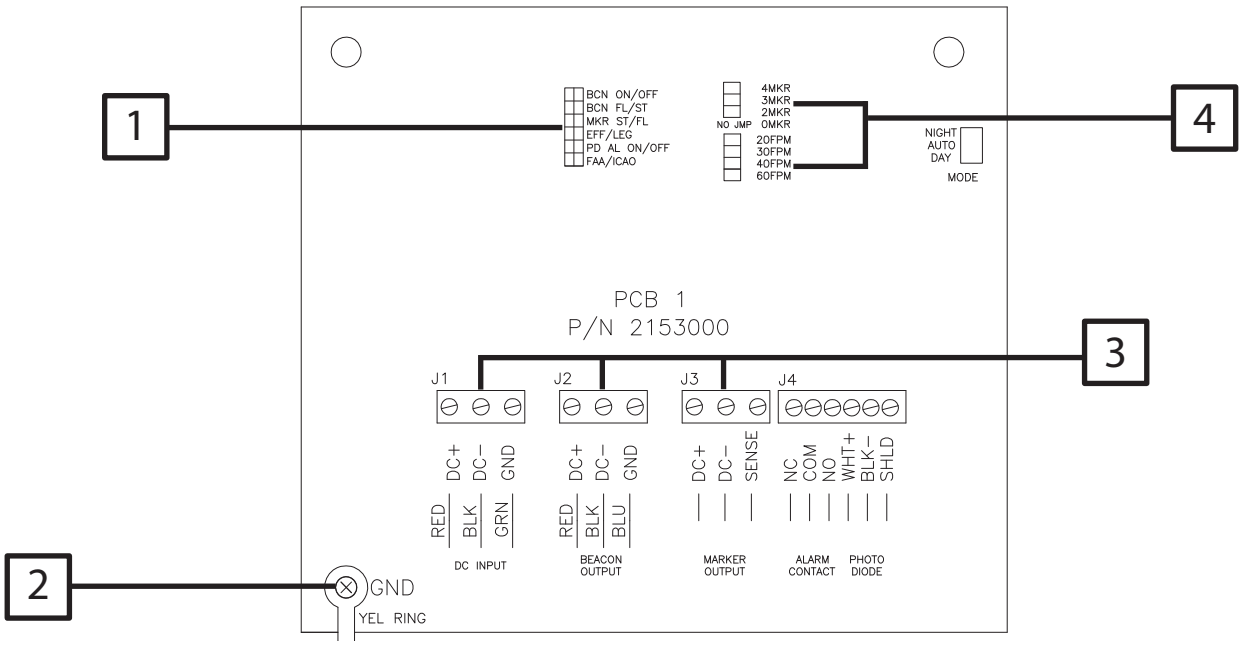
Vanguard® Red - FTS 371 DC



Attention: After installation, you must call 1-800-821-5825 to activate warranty.

1 Configuration Switches

The following switch bank is used to program the system for a variety of installation situations. The controller will be pre-programmed from the factory for the customer requested configuration. Refer to the product manual for full definitions of the switch positions.

NOTE!! Factory default is all switches placed to the left.
Default Config is as follows:
"Beacon alarm is enabled", the Beacon is "Flashing", the Markers are lit "Steady", a short or "Efficiency" flash is set for Beacon and Markers, the Photodiode (19) hour alarm is active, and the "FAA" lighting standards are being used.

IMPORTANT!! The Beacon and/or markers will be powered if wired to J2 and J3. The Marker jumpers and Beacon switches will only disable the alarming function.

2 Controller Ground

Crimp a #10 AWG wire to the provided ring terminal for system grounding. Route the other end of the wire to the site grounding grid or collective buss bar.

3 Incoming Power, BCN, & MKR Connections

Incoming DC voltage is wired to J1 and accepts either 24 or 48 VDC.

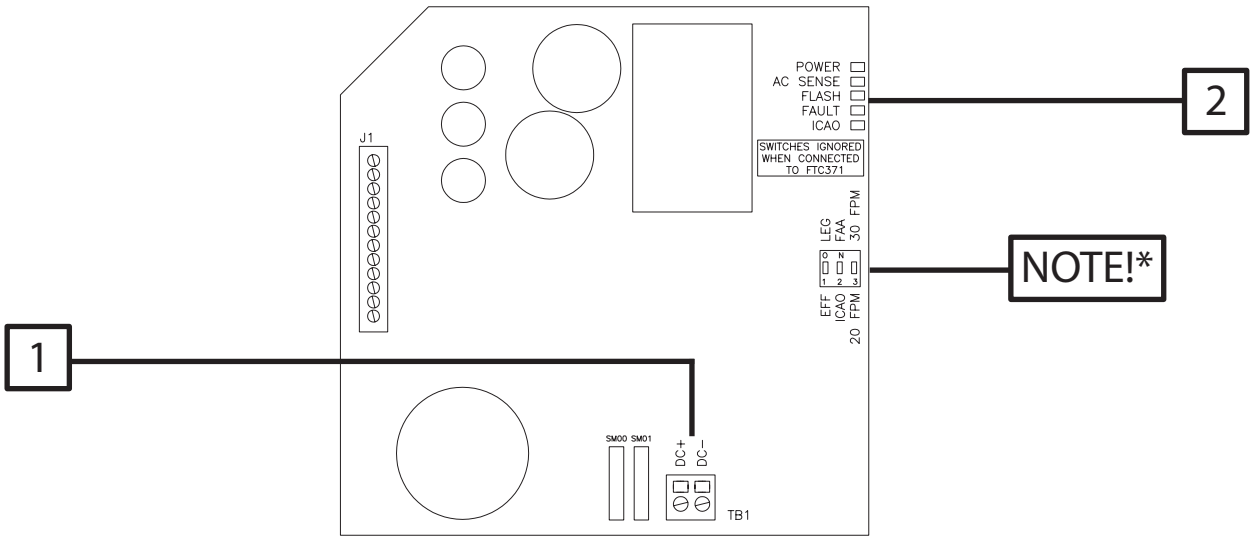
The flash head and marker cables are wired directly to the lighting controller PCB1 on connectors J2 and J3. The system can be installed with up to (1) red LED beacon and up to (4) 371 LED markers.

IMPORTANT! Ensure the shield wire found in the marker cable is installed on J2 Pin 3 (BEACON OUTPUT GND) as shown above.

4 Configuration Jumpers

The following jumpers are used to program the number of markers that have been installed on the structure for proper alarming and to assign the specific FPM (flashes per minute) for the beacon and markers.

FH 371 DC Red LED Beacon



***NOTE! The switch bank settings are ignored when connected to an FTS 371 controller.**

1 Flashhead Cable Connection/Input Power

The flashhead cable will terminate on TB1 to provide either 24 or 48VDC to allow the flashhead to turn on. Ensure the blue (ground) wire is connected to the flashhead base as shown below.

2 Status LEDs

The status LEDs provide an indication of the system health and programming conditions.

CAUTION!!

There is a 24VDC and a 48VDC version of the red LED flashhead. To avoid system damage ensure that the controller's input DC voltage matches the label found on the inside of the flashhead (see below).

Flashhead Grounding

Connect a minimum # 8 AWG grounding wire to the pre-installed grounding lug. Connect the other end of the wire directly to tower steel, collective buss bar, or customer preferred location. Ensure the use of an anti-corrosive agent is used on all terminal ends.

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