NEC 690.5 states that the Ground Fault Protection device must:
1) Detect a ground fault
2) Interrupt the fault current
3) Indicate that there was a ground fault
4) Open the ungrounded PV conductors

The drawing shows that each of the NEC requirements are satisfied with this GFP device.

The system may be tested by forcing a short to the ground wire near the PV array. It is wise to use a current limiting resistor to create the short to limit damage to the wires. Be careful of high PV voltage.