

PANEL CUTOUT

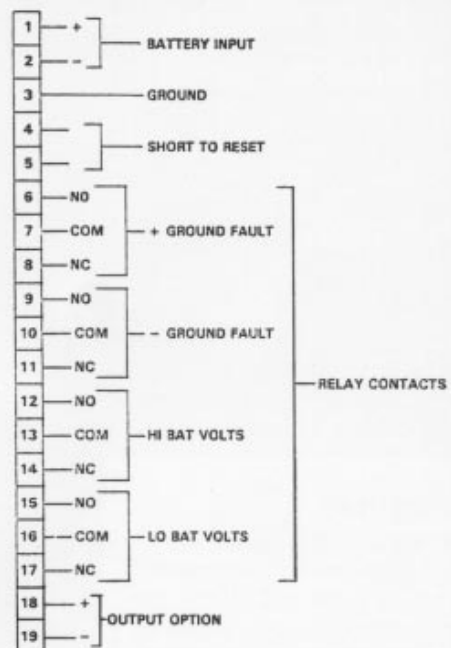
### Battery Monitor: Part No. 25-469

#### SPECIFICATIONS

- Battery Input:** 90 to 180 VDC, 3VA - For 125 V Battery\*
  - Ground Resistors:** 30K  $\pm 1\%$  from each bus to ground
  - Voltage Indication:** 0 to  $\pm 199.9$  VDC in 0.6" bright red LED digit and decimal point. Accuracy is  $\pm 0.2$  VDC
  - Ranges:**
    - + Bus to Ground (+ to GND)
    - Bus to Ground (- to GND)
    - Ground Fault Voltage (Fault)
    - Battery Voltage (BAT)
  - Scanning:** Automatically scans each range. Each reading is 3 seconds. Scanning stops on indicated value when scan/manual is pushed. Scan resumes on next reading when pushed again. LED lights indicate range being shown. Scanning stops and displays alarm values.
  - Alarms:** (Not Scanned)
    - "+ Fault" relay energizes and latches when the + fault voltage exceeds the + set value for the time setting. The "alarm" LED lights. Set range is 13.0 to 100.0V.
    - "-Fault" relay energizes and latches when the - fault voltage exceeds the - set value for the time setting. The "alarm" LED lights. Set range is -13.0 to -100.0V.
    - "Hi Battery" relay energizes and latches when the battery voltage exceeds the "Hi" set value for the time setting. The "alarm" LED lights. Set range is 125.0 to 150.0V.
    - "Lo Battery" relay energizes and latches when the battery voltage is below the "Lo" set value for the time setting. The "alarm" LED lights. Set range is 100.0 to 125.0V.
  - Time Delay:** Can be set from 5 to 60 seconds.
  - Reset:** Panel push button or remote contact closure will reset an alarm provided the cause is removed.
  - Contact Rating:** 2A at 120 VAC or 28 VDC.
  - Limit Setting:** Display of limit setting by pushing the "limit" on front panel when range light is on. Limits and time delay are set by removing the front bezel (4 screws). This can safely be done with power on.
  - Output Options**
    - 0 to 1mA DC (isolated) into 0 to 10K load for 90 to 180 VDC input. Accuracy is  $\pm 0.1\%$  of FS. P/N is 25-469-I01.
    - 4 to 20 mA DC (isolated) into 0 to 500 OHM load for 90 to 180 VDC input. Accuracy is  $\pm 0.1\%$  of FS. P/N is 25-469-I420
    - Digital: RS232/485 with DNP3.0 or Modbus, P/N is 25-469-J3.0
- \*Additional Voltages P/N: 25-471 = 48 V Battery P/N: 25-472 = 250 V Battery.  
Other voltages available - consult factory.

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#### CONNECTIONS



#### Optional Fault Indicator SPECIFICATIONS

- Operation:** Produces current pulses between the transmitter and the ground fault. A pulse receiver can trace the line with these pulses to the ground. Circuit breaker in this line can be identified and opened to clean the ground from the system.
- Option Availability:** on the 25-469, 25-471, 25-472, specify suffix BB in addition to others.
- Features:**
  - On/off switch on front panel
  - Automatic Selection of grounded line.
  - Does not interfere with sensitive electronic equipment, radio, etc.



- Receiver:** Arga P/N 200A
  - Hand held
  - Does not contact circuitry
  - LED & sound indications
- Sensitivity:** Up to 100k $\Omega$  ground resistance.