

# 31081-ME

## 50ADC Mini Panel Meter

Mini snap-in 3 digit LED panel 50A DC meter.

Includes 50A Shunt

Power: 7-28VDC (2Wire) @ <20mA

Character Height: 0.56in. Red LEDs

Input Range Amps: 0-50A

Resolution: Amps: 0.1

Accuracy: +-1% +-2LSD

Sample Rate: ~3/sec.

For source monitoring: Input Voltage must be between 7 & 28VDC

Ammeter Shunt Connects in the return (-/Gnd.) side of Load between Load & Power Minus (-)

Working Temperature : -10°C ~ 65°C

Cutout: 46mm x 27mm

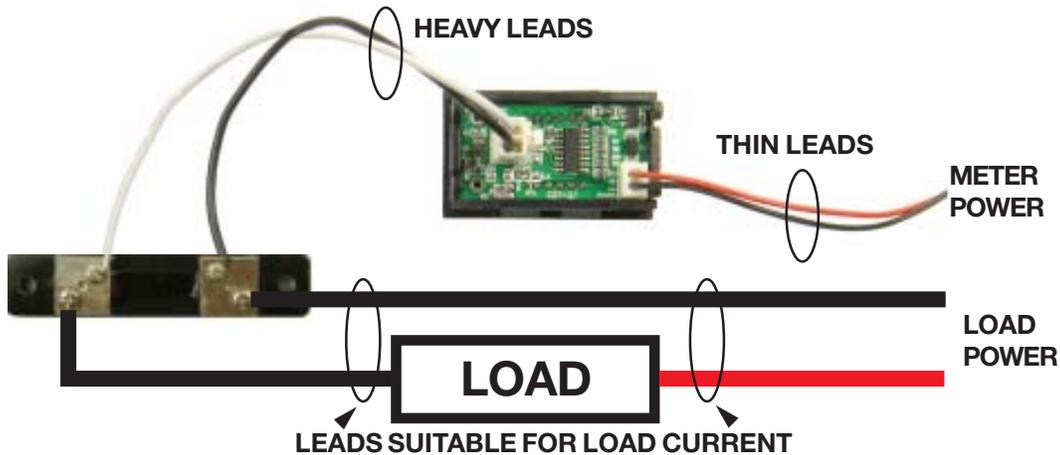
**Shunt:** L: 4-3/4" W: 1" H: 1" (inc. Bolts)

**Meter W:** 1-7/8" **H:** 1-1/8" **T:** 1" **WT:** .4



**NOTE:** Ammeter is not suitable for use in Electric Vehicles or Outdoors

1. The ammeter is easily damaged by the influx of water.
2. The signal levels between the ammeter and the shunt is low (<75mV), Such a small signal is susceptible to interference.
3. Connections should be short, long leads cause attenuation & interference and will affect the meter. If it must be long, use shielded wire.



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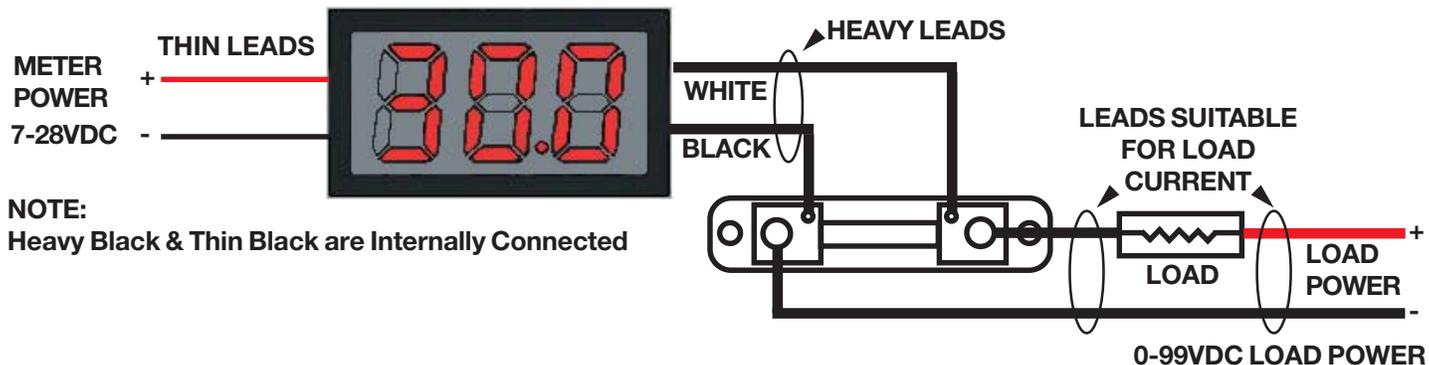
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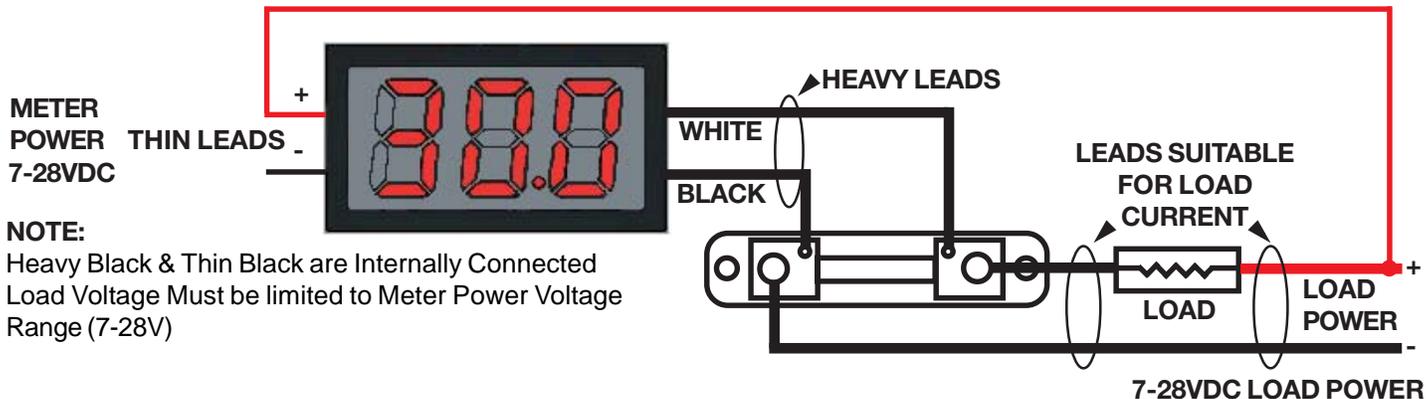
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### SEPARATE LOAD MONITORING



### SOURCE LOAD MONITORING (Common Power Source-Not Recommended)



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