



- Self powered from input voltage
- Shunt versions have better zero offset at no load
- Current transformer version simplifies installation
- Back lit LCD display for easy reading
- DC input from 10.5V to 135V\*
- DC current up to 60A
- Bi-directional current sensing
- DIN rail mounting for enclosed versions

+METERV2/SHUNT: Enclosed version with internal shunt

\* add suffix **-H** to model code for 110V systems

◆ 24 Month Warranty

**SPECIFICATIONS** All specifications are typical at nominal input, full load and at 20°C unless otherwise stated.

#### MODEL TABLE

CODES	Description	Application
SR-METER	Unenclosed with current transducer	for 19" subracks
SR-METERV2/SHUNT	Unenclosed with current shunt	for 19" subracks
+INT-METER	Fitted inside PSU with current transducer	option with SR500 and SR750
+INT-METER/SHUNT	Fitted inside PSU with current shunt	option with SR500 and SR750
+METERV2	Enclosed with current transducer	standalone DIN rail mounting
+METERV2/SHUNT	Enclosed with current shunt	standalone DIN rail mounting

#### SPECIFICATIONS

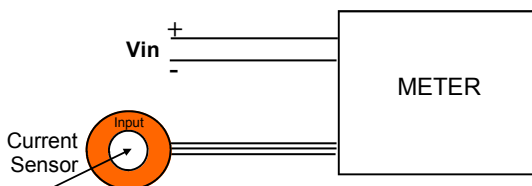
<b>Inputs:</b>	10.5 to 135V DC 0 to +/- 60A DC
<b>Voltage resolution</b>	± 1 digit or ±1%
<b>Current Resolution</b>	<b>Non shunt:</b> ±0.7A <b>With shunt:</b> ±0.3A
<b>Operating temperature</b>	0 to 40° C ambient
<b>Dimensions (enclosed version)</b>	105mm W x 90mm L x 80mm D.

#### OPTIONS

- RS232 output** (add **-RS232** to model code)
- Non isolated RS232 output for remote monitoring and logging of the measured voltage and current.
  - User selectable data sample rate. (for selection of data rate send <Esc> to meter and then meter responds with
    - 1> 5 Minutes
    - 2> 15 Minutes
    - 3> 1 Hour
    - Default: 5 Minutes
- Comm Settings: 9600baud, 8 data bits, 2 stop bits & no parity

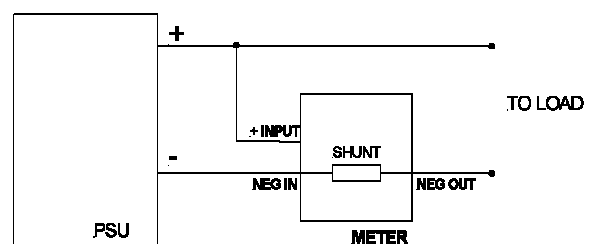
#### CONNECTION DIAGRAMS

##### TRANSDUCER VERSIONS



The current carrying positive conductor is passed through the core of the current sensor, from the side marked 'Input'. The measured voltage is also the operating supply.

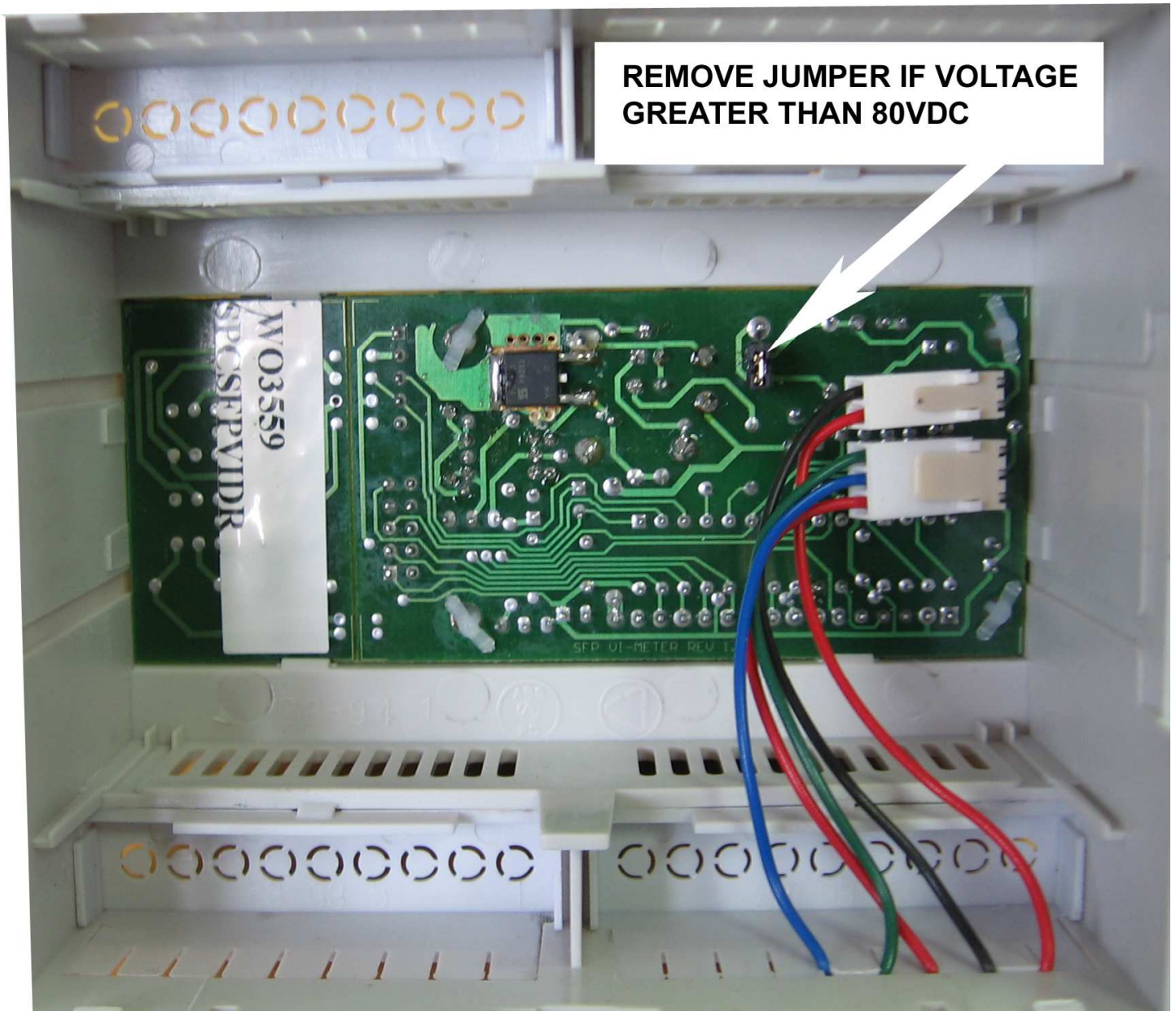
##### SHUNT VERSIONS



The current shunt must be fitted on the negative of the PSU output.

## Notes

1. Internal jumper to be removed if normal operating voltage is above 80VDC. (-H versions)



2. Terminal Layout for RS232 Option

TX	GND	RX	Unused
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### RS232 DB9 Pin out

