



- 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

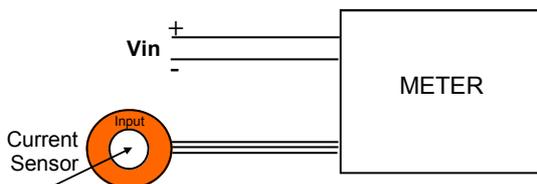
Inputs:	10.5 to 135V DC 0 to +/- 60A DC
Voltage resolution	± 1 digit or ±1%
Current Resolution	Non shunt: ±0.7A With shunt: ±0.3A
Operating temperature	0 to 40° C ambient
Dimensions (enclosed version)	105mm W x 90mm L x 80mm D.

OPTIONS

RS232 output (add -RS232 to model code)	<ul style="list-style-type: none"> • 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
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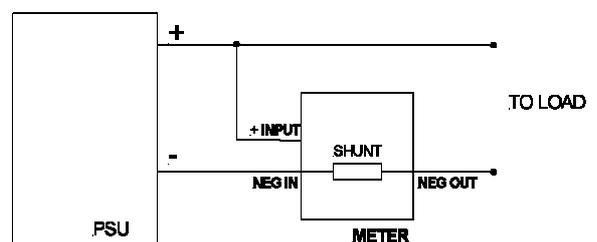
CONNECTION DIAGRAMS

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.

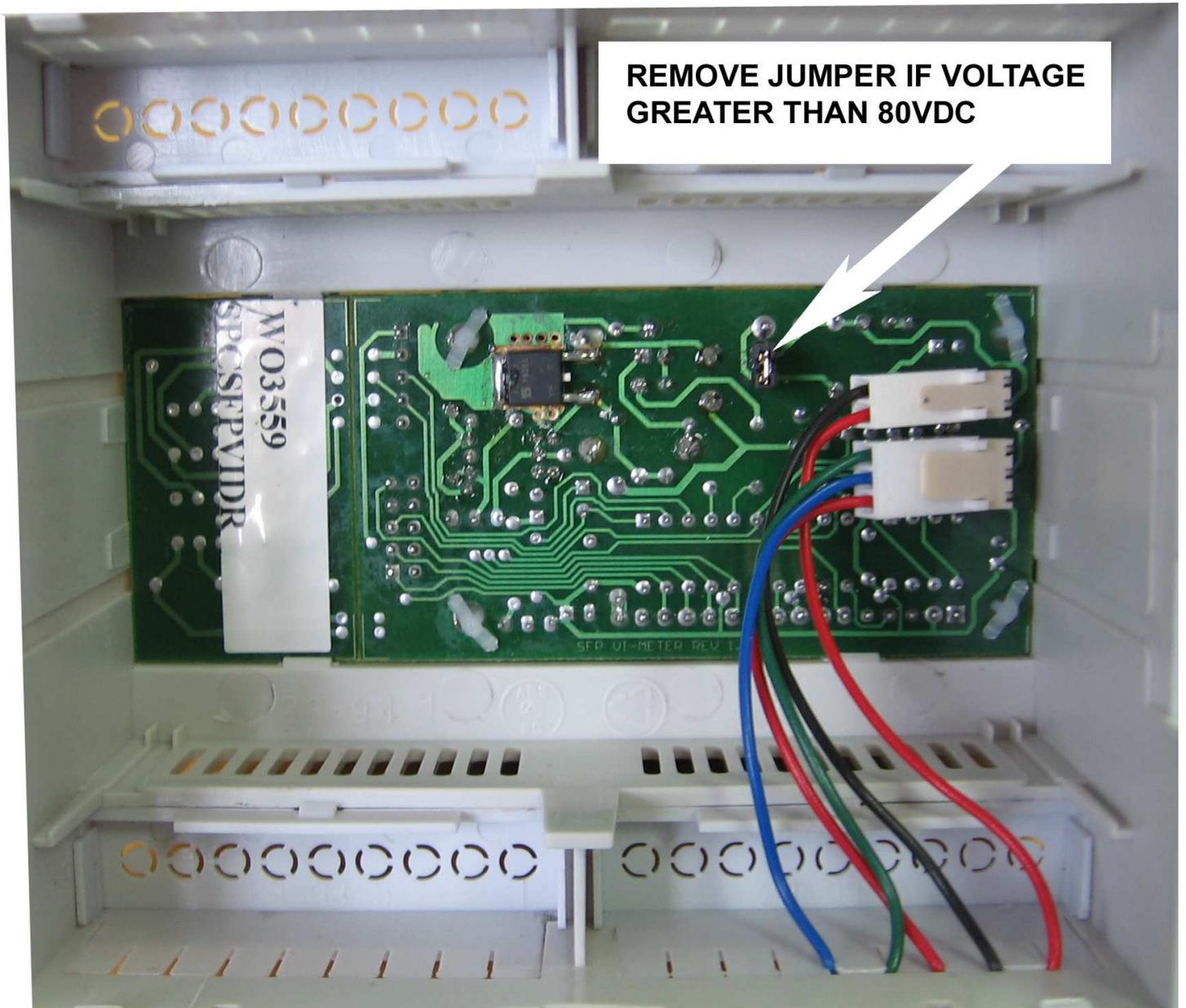
SHUNT VERSIONS



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

