

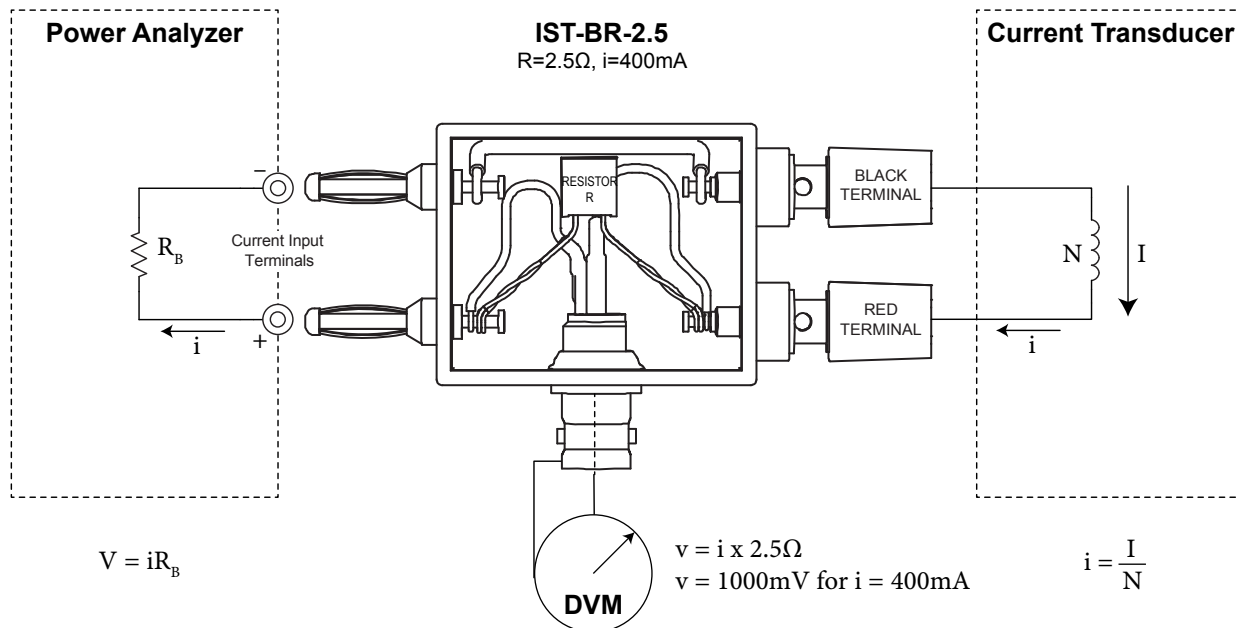
OVERVIEW

The IST-BR Burden Resistor Module generates a Voltage Monitor Signal when the current output from a closed-loop current transducer is connected to the current input terminals of a Power Analyzer.



| Part No. | Resistance (R) | Rated Current (i) | Output Voltage (v = i x R) |
|-------------|----------------|-------------------|----------------------------|
| IST-BR-10 | 10Ω | 100mA | 1000mV |
| IST-BR-5 | 5Ω | 250mA | 1250mV |
| IST-BR-2.5 | 2.5Ω | 400mA | 1000mV |
| IST-BR-1.67 | 1.67Ω | 600mA | 1002mV |
| IST-BR-1.00 | 1.00Ω | 1200mA | 1200mV |
| IST-BR-0.83 | 0.83Ω | 1500mA | 1243mV |

SCHEMATIC



CAUTION: If the monitor voltage signal is measured with a single-ended (grounded) oscilloscope it is essential that the Power Analyzer input is isolated (not-grounded).