Model 183 Multiplier

File # E91015

- ***Reduces high AC Voltage Signals down to 150 VAC***
- ***Reduces high DC Voltage signals down to 500µADC***
- ***Accuracy ±1%***

Ordering Information

DC Volts - 2000 Ohms/Volt

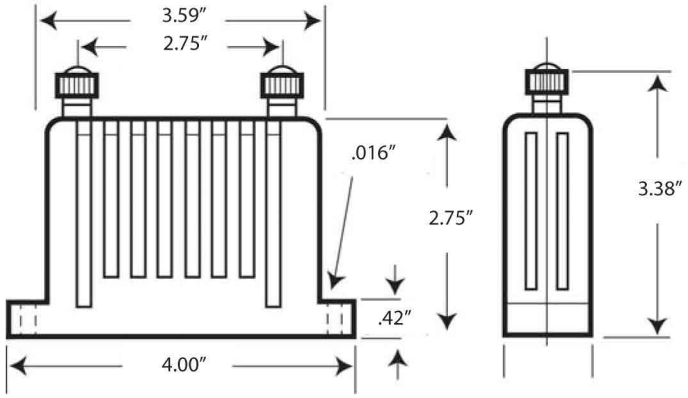
Used only with Simpson DC Volt analog panel meters or with 0-2 mA DC digital panel meters. Digital units will need to be recalibrated when a multiplier is used.

Range	Multiplier Resistance MΩ	Meter Sensitivity DC µA	Catalog Number
0-500	1	500	08552
0-1000	2	500	08554
0-2000	4	500	08557
0-4000	8	500	08560
0-5000	10	500	08561

AC Volts - 166 Ohms/Volt

Used only with Simpson AC Volt, iron vane analog panel meters or with a 0-200 VAC digital meter using an external 25KΩ/1W resistor across the inputs.

Range	Impedance Ω @ 60 Hz	Voltage Reduced	Voltage Drop	Catalog Number
0-500	58,333	350	150	08562
0-600	75,000	450	150	08563
0-750	100,000	600	150	08564
0-1000	141,666	850	150	08565



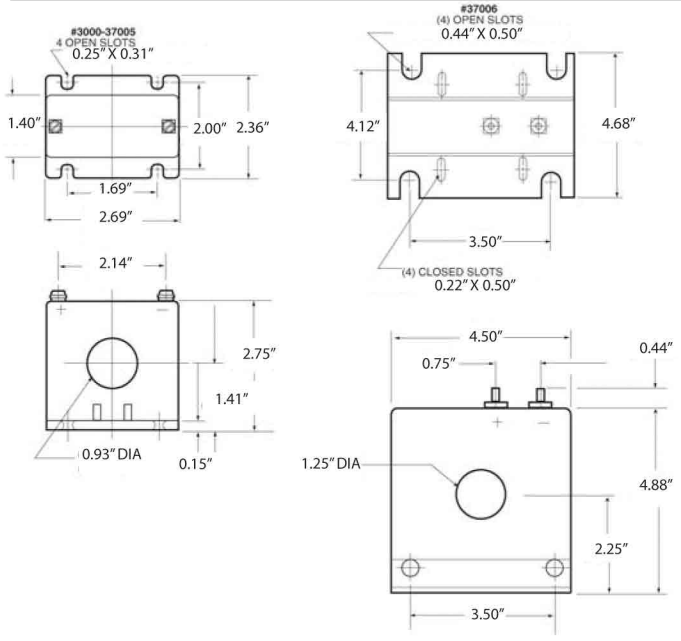
Current Transducers

- ***Reduces AC current signals down to 4-20 DCmA***
- ***Screw terminals for easy connection***
- ***Operates on 24V DC power***

Specifications

Accuracy:	±0.5% F.S. Max
Frequency:	60Hz
Insulation Class:	600V
Max. Output:	30DCmA
Temp. Effect:	
Accuracy:	±0.04%/°C
Operating:	-30°C to +65°C
Storage:	-55°C to +85°C
Supply Voltage:	24 DCV ±10%
Weight:	1.5lb (680.39kg)

Dimensions



Ordering Information

Input Current Range(ACA)	Output Current Range(DCmA)	Catalog Number
0-5 A	4-20mA	37000
0-50 A	4-20mA	37001
0-75 A	4-20mA	37002
0-100 A	4-20mA	37003
0-150 A	4-20mA	37004
0-200 A	4-20mA	37005
0-300 A	4-20mA	37006