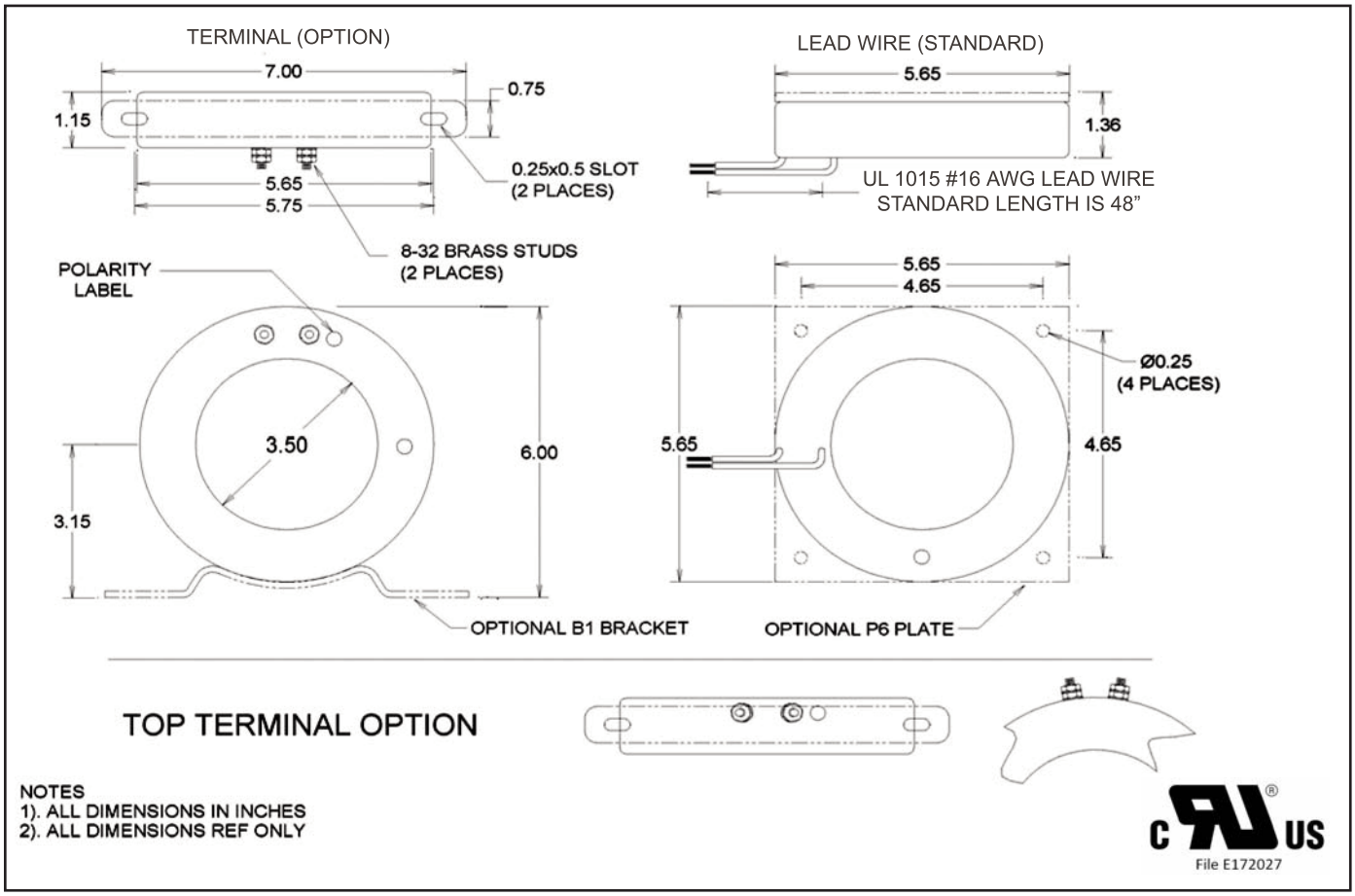
Panel Components & Systems, Inc.
Tel.: +1 (800) 523-9194
+1 (973) 448-9400
www.pc-s.com

CURRENT TRANSFORMER

MODEL MW

3.50" ID

REV. 17DEC10



Specifications

- ❑ Secondary sources 5 amps AC at rated F.S. primary current
- ❑ Nominal operating frequency range is 50-400Hz
- ❑ Thermal rating factor is 1.33 @ 30°C for ratios 2000:5A; 1.15 @ 30°C for ratios above 2000:5A
- ❑ Insulation voltage class is 0.6KV BIL 10KV
- ❑ Reference documents IEEE C57.13, UL1244, and IEC 44-1
- ❑ Enclosure is made of glass-filled nylon, color is black
- ❑ For indoor applications only
- ❑ Optional plate is XX phenolic; Optional bracket is aluminum

Options (Contact PC&S for Further Information)

- ❑ UL and Canadian UL Recognized Component. File E172027
- ❑ 2.0, 5.0 and 10VAC output at F.S. primary amperage. Other non-standard ratings also available.
- ❑ 1A, 0.2A and 0.1A output at F.S. primary amperage. Other non-standard ratings also available.
- ❑ 8-32 Brass Stud Terminals or #16 AWG UL 1015 Lead Wires
- ❑ Custom lead wire lengths and types
- ❑ Thermal ratings above 1.33 for selected ratios.
- ❑ Available with B3 and B31 brackets. See Bracket Data sheet for dimensions.
- ❑ Center tap and custom multi-tap winding arrangements.

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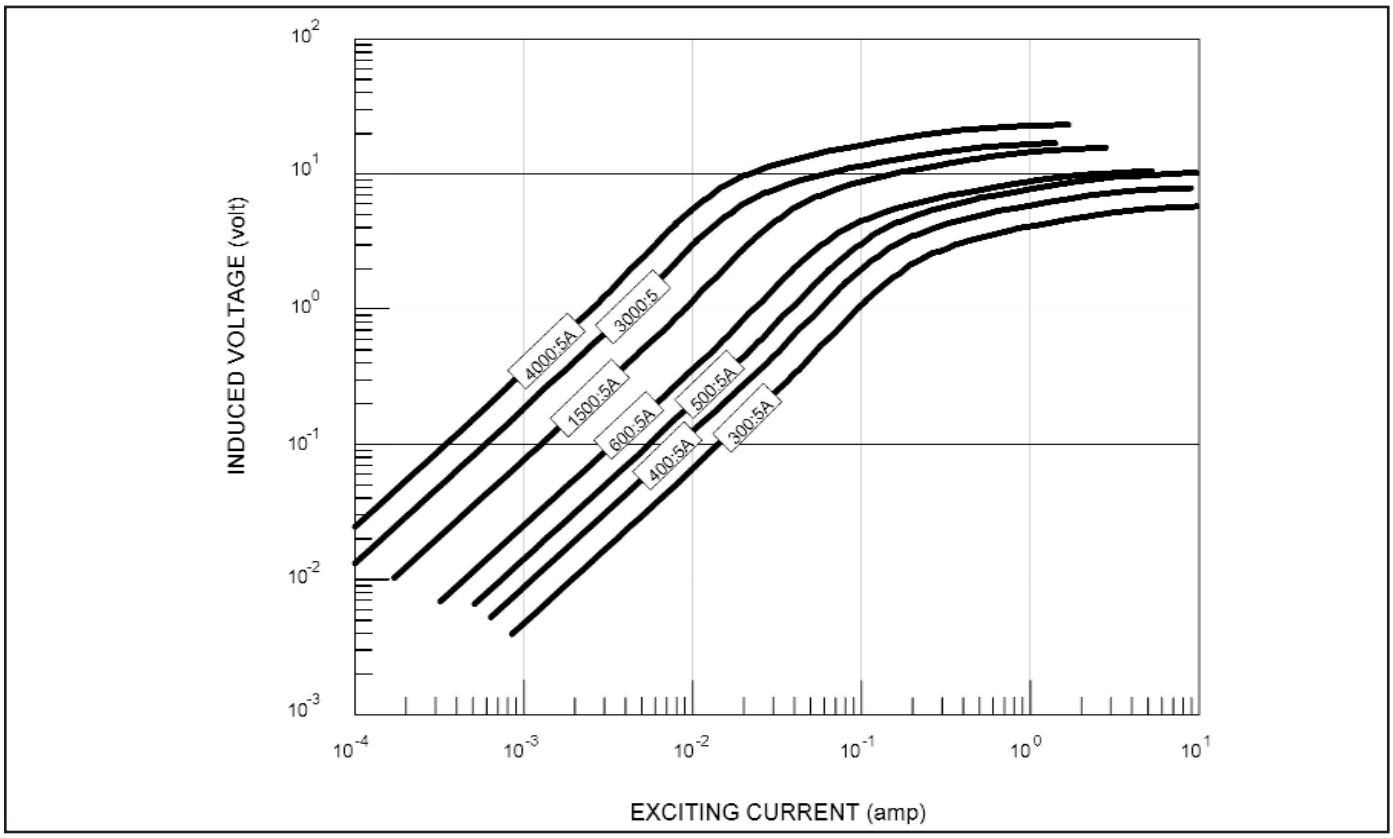
TYPICAL EXCITATION CURVE FOR MODEL MW at 60HZ



PART NUMBER*	RATIO	ACCURACY @ 60HZ		NOMIMAL WINDING RESISTANCE (ohm)
		± %	BURDEN (VA)	
MW300L48	300:5A	1.5	2.0	0.06
MW400L48	400:5A	1.0	2.0	0.08
MW500L48	500:5A	1.0	4.0	0.10
MW600L48	600:5A	1.0	6.0	0.12
MW800L48	800:5A	1.0	10	0.17
MW1000L48	1000:5A	1.0	12	0.22
MW1200L48	1200:5A	1.0	20	0.25
MW1500L48	1500:5A	1.0	15	0.50
MW1600L48	1600:5A	1.0	15	0.53
MW2000L48	2000:5A	1.0	12	0.67
MW2500L48	2500:5A	1.0	15	0.85
MW3000L48	3000:5A	1.0	25	1.0
MW4000L48	4000:5A	1.0	45	1.4

* Use suffix “T” at end of part number to indicate brass terminal top option; “B” to indicate optional B1 bracket; “P” to indicate optional P6 mounting plate.