

# PdMA MTAP3 Module

## Increased Safety For Testing Energized AC Electric Motors

### Specifications

- Voltage at MCC test port: <5V peak
- Current input terminal blocks (0-3V RMS input), current represented by voltage signal
- MCC test port: Circular IPC 68 connector, 0.734 diameter, extends out approximately ½ inch
- Temperature Rating: 80° C
- Relative Humidity Range: 90 % non-condensing

### Physical Dimensions

- Size: 1.4 inches diameter x .745 inches depth (Inside MCC)  
1.4 inches diameter x 1.5 inches depth (Total)
- Weight: less than .635 oz (approximately)
- Optional Mounting: Mount circular connector directly to MCC

### Circuit Protection and Isolation

- Transorbs used to limit voltage at current test port

### Standards and Certifications

- Meets UL 508 and CSA 22.2 #14 Standards
- CE Mark
- Meets NFPA 70E guidelines for safe voltage level

### MTAP3 CT Information

(CT's Sold Separately)

For additional information, contact PdMA.

CT Primary Current Rating	5A	100A	400A
CT Opening Size (inside diameter in inches)	0.3	1.25	1.25
Design	Iron Core Donut	Iron Core Donut	Split-Core
Voltage Class (max continuous voltage)	600V	600V	600V
Burden Resistor	Built in	Built in	Built in
Output (mV/A)	66.7 mV / A	3.3 mV / A	0.833 mV / A
Burden in VA at rated current	0.003	0.04	0.0177
Burden in VA at 10X rated current	0.28	3.63	1.778
Wire Length	8 ft	8 ft	8 ft
ANSI / IEEE Standard #	IEEE-C57.13	IEEE-C57.13	IEEE-C57.13
CSA Standard #	CAN3-C13-M83	CAN3-C13-M83	CAN3-C13-M83

**To Order MTAP3 Module:** Specify CT current rating.  
Requires one external cable to connect tester to MCC test port:  
Part Number ASY-00443

