

MTAP2



Increased Safety For Testing Energized AC Electric Motors

Specifications

- Voltage at MCC test port: 30V RMS nominal, <50V peak
- Input voltages (select one when ordering): 120, 240, 480, 600 VAC
- Motors rated over 600V, require the 120V/5A model and existing metering PT's and CT's
- Current input terminal strip (0-3V RMS input), current represented by voltage signal
- MCC test port: Circular military style, 1-inch diameter, extends out ½ inch

Physical Dimensions

- Size: 7.25 x 5.6 inches x 3.5 inches deep
- Weight: less than 3 lbs.
- Mounts to DIN rail via 2 mounting brackets
 - Mounting brackets provided, DIN rail not provided
- Optional Mounting: Mount circuit board directly to MCC
 - 4 mounting feet (must specify if required)

Circuit Protection and Isolation

- 3 primary and 3 secondary fast-acting fuses on potential transformer
- Transorbs used to limit voltage for current and voltage signals to test port
- Electrical Isolation: potential transformer rated 2000V DC High Potential test

Standards and Certifications

- Designed to UL508, UL845, and CSA 22.2 #14 standards
 - cCSAus certification
- Meets NFPA 70E guidelines for safe voltage level

MTAP2 CT Information

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	Iron Core Donut
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	0.14
Burden in VA at 10X rated current	0.28	3.63	14.5
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 MTAP2 Module: Specify input voltage and CT current rating.
 Requires one external cable to connect tester to MCC test port:
 Part Number ASY-00321

