

MEG alert™

Safety By Choice
Reliability By Design

MOTOR & GENERATOR PROTECTION

GP500-M-AS



MOTOR guard™

- AC Induction Motors
- AC Synchronous Motors
- DC Motors
- Servo Motors
- Submersible Motors



**Reduce Risk
to Save Lives**



Automatic Insulation Resistance Tester that
monitors and protects critical-duty motors

FEATURES: Model GP500-M-AS

- Single Motor Model
- Auto/Manual test operation
- Adjustable alarm set point
- Latching alarm contacts with manual reset
- Fused input and test output
- 500 VDC test voltage
- 2% Panel meter with color coded dial
- DIN Rail mounting bracket
- 10 Year Warranty

Optional Features

- 1% Meg-Ohm meter with 4" color coded dial
- 4-20 mA transducer

SPECIFICATIONS: Model GP500-M-AS

Input Voltage: 120/240 VAC, 50/60 HZ

Input Current: .05 A max. @ 120 VAC

Test Voltage: 500 VDC @ 200 μ A

Maximum Line Voltage: 600 V RMS

Control Sensing: N/C Contact

Alarm Time Delay: 0 - 10 Seconds

Alarm/Lockout Contacts: 1 Form C, 5A @ 240 V or 28 VDC

LED Display: Test On: Green

Alarm: Red Flashing

Meter Output: 2% Analog signal (Optional 1% meter)

Accuracy: 2% overall

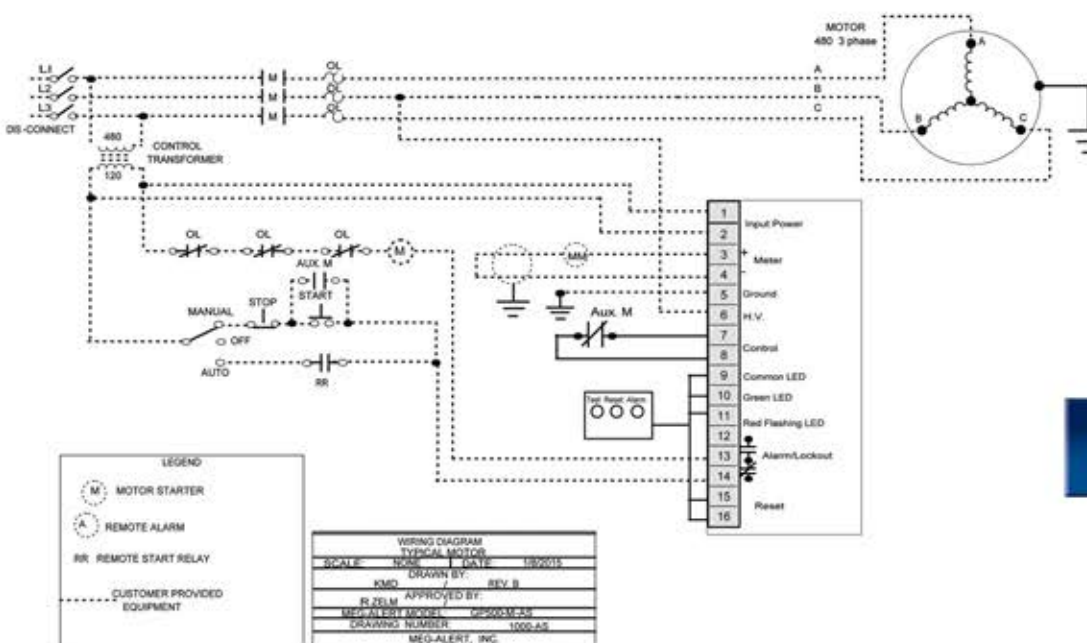
Ambient Temperature: -20° F to 140° F

Size: 2.75" H x 2.875" W x 4.5" D

Weight: 1 lb.

Operation:

MotorGuard applies a current limited, fixed DC voltage to the motor windings during idle periods. A solid state comparator circuit monitors measured leakage current to the ground. An adjustable setpoint, factory preset to customer specifications, can be programmed to signal an alarm and lockout the equipment from operating if the set point is exceeded. The manual reset feature enables a return to operational status only after the alarm condition has been corrected. MotorGuard will not impair normal operation of the equipment being monitored.



Typical Wiring Diagram

In addition to a wide variety of standard in-stock systems, our engineers will work with you on custom applications. Call the factory for details.



1.877.467.6372

www.hornerindustrial.com