

MEGalert™

Safety By Choice
Reliability By Design

CABLE & TRANSFORMER PROTECTION

GP500-CG-AS
GP1000-CG-AS



CABLE guard™

- Shore Power Cables
- Shore Power Plugs and Receptacles
- Power Feed Cables and Busses
- Distribution/Isolation Transformers



**Reduce Risk
to Save Lives**



Automatic Insulation Resistance Tester that monitors and protects critical-duty cable and transformer circuits

Features: CableGuard GP500/1000-CG-AS

- Auto/Manual test operation
- Adjustable low-alarm and pre-alarm contacts
- Latching low-alarm contacts with manual reset
- Pre-alarm contacts with auto reset
- Full 500/1000 VDC test voltage
- Fused input and H.V. test leads
- Compact, lightweight enclosure with terminal guard
- DIN rail mounting bracket
- Shock and vibration resistant construction
- Ten year limited warranty
- Long life remote LED/switch assembly with 10' cable
- 1% switchboard meg-ohm meter, color-coded 4" dial

Optional Features

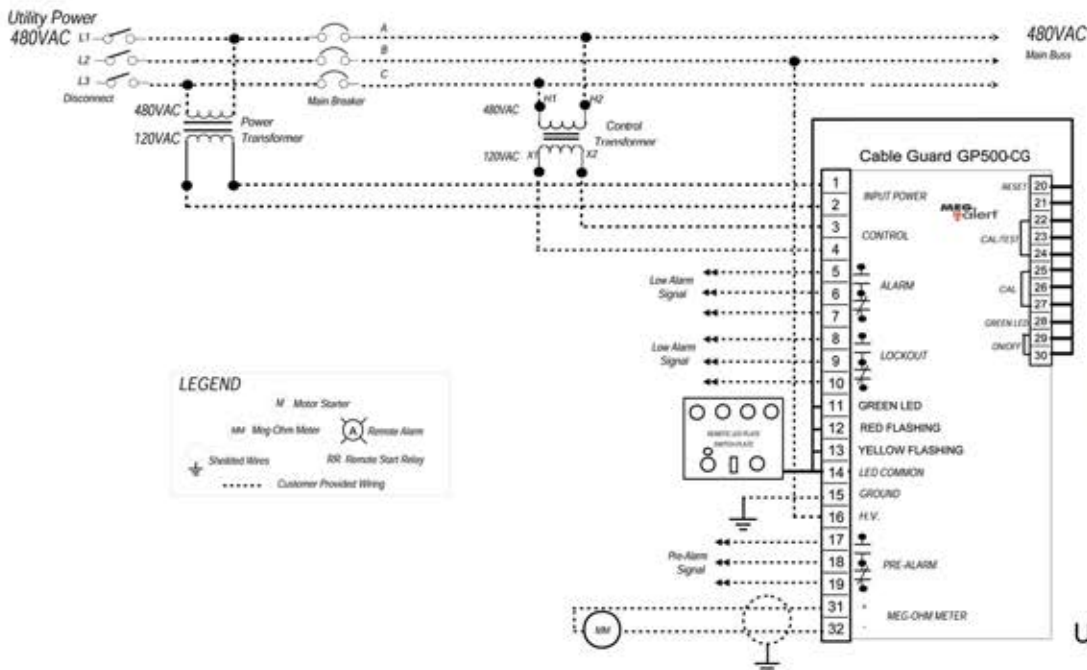
- 4-20 mA transducer
- Digital meter option for RS232/485 Modbus or Ethernet protocols
- 2% panel meter with color coded dial

Specifications: Cable Guard GP500/1000-CG-AS

- Input Power: 120-240 VAC 50/60 Hz @ .05 A max
- Test Voltage: 500/1000 VDC @ 200 uA max VDC @ 350 uA max
- Max Line Voltage: 750 VRMS
- Control sensing: 120 VAC 50/60 Hz
- Alarm Contacts: 5A @ 240 VAC or 28 VDC form C
- Pre-Alarm contacts: 5A @ 240 or 28 VDC form C
- Lockout contacts: 5A @ 240 or 28 VDC form C
- Metering: 1% analog switchboard type, 4" color-coded dial (Optional 2% Analog Panel Meter)
- LED Display: Power On: Green
Test On: Yellow
Pre-Alarm: Yellow Flashing
Alarm: Red Flashing
- Control accuracy: 1% overall
- Ambient Temp: -20° F to 140° F
- Dimensions: H 2.75" x W 6" x D 4.5"
- Weight: 1.5 lb.
- Assembly: Meets UL 508 specifications

Operation:

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

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U.S. Patent 5,514,967 - Patents Pending