

IEEE-488 Bus Interface Model M1088

- Performs GPIB interfacing between computer/controllers and Rod-L Hipot, Ground Continuity, and Insulation Resistance Testers.

Applications

- Remove manual operators from the electrical safety test process to ensure maximum test consistency and to minimize operator hazards.
- Log and analyze test data to assure product standardization and to simplify the failure analysis process.

Features

- Expandable to allow control of up to five Rod-L test instruments while occupying only one IEEE-488 bus address.
- Rack mountable for use in multi-instrument Automated Test Systems.
- Modular design allows for flexibility of Automated Test System expansion and ease of maintenance.
- Controls Rod-L test instruments in sequence or in parallel. Parallel operation allows for simultaneous testing resulting in reduced overall product test time.
- Separate packaging eliminates EMI problems commonly seen when microprocessor based IEEE 488 interface circuitry is located in close proximity to high voltages.
- Programming is simple yet powerful enough to allow continuous control of all test parameters as well as dynamic feedback of test data.



IEEE-488 BUS PROGRAMMING

| Parameter Set Up | ASCII Command |
|--|--------------------------|
| HiPot Test Voltage | SVO |
| Total Leakage Current or Insulation Resistance Trip Point | SIT |
| Resistive Leakage Current Trip Point | SIR |
| Minimum Leakage Current Trip | SIU |
| Voltage Ramp Rate | SVR |
| Test (Dwell) Time | SDT |
| Voltage, Current and Resistance Read Back | ASCII Command |
| Total Leakage Current or Insulation Resistance | RIT |
| Resistive Leakage Current | RIR |
| Voltage | RVO |
| System Status | ASCII Command |
| Status (Pass/Fail, Ready Testing) | TST |
| Type of Failure | TFB |
| Start and Reset | ASCII Command |
| Start | GET GOT |
| Reset | DCL or SDC |

ELECTRICAL/MECHANICAL

| | |
|-------------------------------|---|
| Input/Output Resolution | 8 bits or 0.4% of Full Scale |
| Operating Temperature | 0 to 50 C, 32 to 122 F |
| Input Power Required | 115/230 VAC, 44-66 Hz 16 Watts Maximum |
| Dimensions | 16.75" x 5.25" x 13.25" (43 cm x 13 cm x 34 cm) |
| Weight | 14.1 lbs. (6.5kg) Net 19.1 lbs. (8.8kg) Shipping |
| Color | Mint Grey/Olive Grey |

USED WITH ROD-L PRODUCTS



- M150AC — AC Hipot Tester
- M100DC — DC Hipot Tester*
- M300RT — Insulation Resistance Tester*
- M25 — 25 Amp Ground Continuity Tester*
- M30 — 30 Amp Ground Continuity Tester*

*Must have option 19

