

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.

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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



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