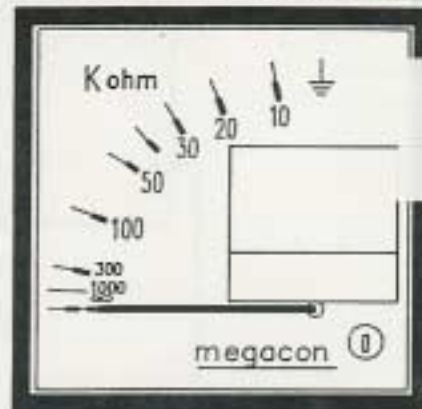


MPI161

Automatic Insulation Indicator

Indication of insulation level

Monitoring networks during active (live) and non-active (standby operation)



FEATURES

This instrument measures and indicates the resulting insulation level between any single or three phase isolated (non-earthed) A.C. system and its protective earth rail. The instrument will continuously monitor the A.C. system in the active (live) or non-active (de-energised) states and will read the insulation resistance directly in Kohms.

This instrument has no control features.

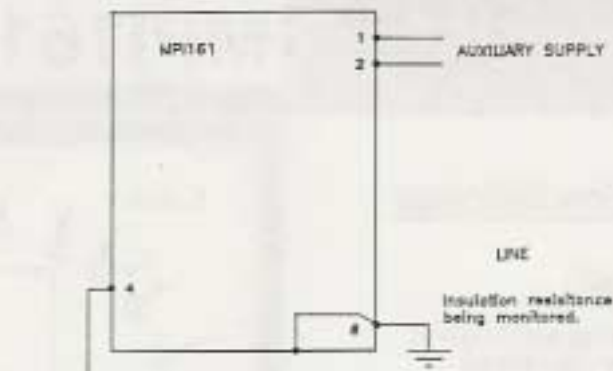
This unit can be used in conjunction with ELU96 which will indicate which phase is causing the earth fault (see connection diagram on reverse). Normally the three LED's on the ELU96 will be at full brilliance. When a fault is indicated by the MPI161 then the phase at fault will be indicated by a dim lamp when the test button is operated.

Note: Only one MPI161 unit using a superimposed D.C. monitoring voltage can be used for each interconnected system or network.

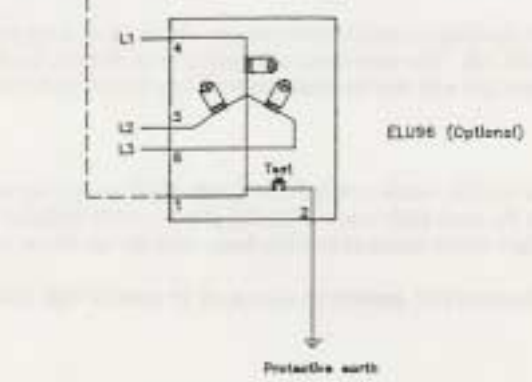
SPECIFICATION

System voltage	:	Up to 440V AC
Auxiliary voltage	:	Std voltages 110-440V AC
Injection voltage	:	24V DC
Consumption	:	2VA
Dimensions	:	See Diagram F, Section 8
Weight	:	0,6Kg

Ordering information	:	Auxiliary voltage	:
		Monitored voltage	:



NOTE: MP161
1. Case internally connected to terminal 6



NOTE: ELU96

1. Lamps and push button are integral to unit.
2. Lamps are normally lit at full brilliance.
3. When insulation monitor shows a fault, the phase of fault will be indicated by a dim lamp when the test button is operated.
4. The ELU96 is designed for operation on systems up to 440V AC.

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