

Microcontroller Based Earth Sensing Unit for Quad Cable for “DAC”



Scope:

Microcontroller Based Earth Sensing Unit continuously monitors insulation resistance of 12 cores of Quad Cable for Digital Axle Counter (DAC). Whenever leakage resistance of the connected core goes below the set value, it gives an Audio Visual alarm. Hence, failures due to earth faults can be prevented. Potential free contacts are provided which can be extended to data logger.

Features:

- Latest technology with the use of Microcontroller
- Prevents Signalling failures
- Continuous & uninterrupted monitoring of connected Cables without disconnection of cables/circuits
- Leakage resistance value of the particular core is displayed in LCD screen Sequentially

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- Audio/Visual alarm
- Plug in time cards/modular construction to provide ease in maintenance
- Low Power consumption
- Remote alarm facility can be wired and integrated with data logger
- Virtually maintenance free system
- Typical size is 330 x 150 x 90 mm
- 110V/230 AC for input working supply as specified

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