

Earth Leakage Detector for Floating 230V AC Complies to RDSO SPN-256/2002

Type 905-S

INTRODUCTION

Earth Leakage Detector (ELD) is an indigenous state-of-the-art signaling and safety equipment developed by Anu Vidyut.

First variant of ELD was developed by the Company in 1977 as a preventive maintenance tool to identify and monitor earth leakage in Railway signaling circuits (with floated supply) in ONLINE condition.



ELD (Sensitive) continuously monitors the condition of the cable and an alarm is actuated along with a visual indication when the leakage value drops below the pre-set value. This value can be set between 50 K to 1M Ohms. Relay contacts are available for connecting to a data logger for automatic recording of the faults occurred.

TECHNICAL SPECIFICATIONS

Operating Supply	:	230V / 110V AC \pm 10% 50Hz.
Monitoring Voltage	:	230V AC
Detecting Voltage	:	140V DC
Detecting Current	:	Less than 300 μ A
Leakage Current	:	Less than 100 μ A
Leakage Measuring Ref. Setting Range	:	50K- 1M Ohms
Display Type	:	Alpha numeric LCD Display
Display Parameters	:	Leakage Value, Counter Reading, Reference Value, Busbar Indication and Reset Solution
Visual Indication	:	Normal - Green LED Fault - Red LED Mains-Red LED
Monitoring Channels	:	1 to 4 Channels as per customer requirements.
Dimension & Weight	:	Compatibles with 19" Rack.
Accessories (Optional)	:	Mounting Rack and Safety fuse Boards, extra at cost

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