

INTRODUCTION

Normally Earth Leakage Detector (ELD) is connected to bus bars of the signaling supply which connects all the circuit powered from these bus bars and Insulation resistance of these bus-bars is measured with respect to ground.

ELD does not measure the IR of individual pair but of the whole bus bar in the energized condition.

The function of this instrument is to measure the IR (Insulation Resistances) of the signaling pair when the signaling pair is unenergized.



SALIENT FEATURES

Instrument measures only when the signaling pair is isolated (unenergized) as in double-cut circuit. In case a pair is energized the instrument stops functioning as a detector and a green LED indicates this condition. Panel Meter is calibrated to read up to 50 M and Led indication on reaching the set value up to 10 M. Unit isolates itself in presence of any bus-bar voltage. Basic operating principle confirms to RDSO/SPN-256/2002.

TECHNICAL SPECIFICATIONS

<i>Supply Voltage</i>	: 230V AC \pm 10% 50Hz.
<i>Detecting Voltage</i>	: 500V DC Nominal.
<i>Ref Setting Values</i>	: 500K, 1M, 1.5M, 2M, 5M, 10 . Analogue Meter can read up to 50 .
<i>Bus Bar</i>	: 110V AC/DC & 12V, 24V, 60V DC (As required by the user)
<i>Panel Controls</i>	: Analogue Meter : 500K to 50 M calibrated. Power ON : Red LED. Bus bar isolation indication : Green LED. Fault condition indication : Red LED. Two Terminals for connecting the pair under measurement One Terminal Marked Earth-for connecting to the Earth of cabin.
<i>Dimensions</i>	: 186 X 136 X 256 mm

DATA SHEET 06/0606**Anu Vidyut**

C-1, INDUSTRIAL ESTATE ROORKEE-247 667 (UTTRANCHAL) INDIA
Tel. : +91-1332-262545, 268040 Fax : +91-1332-260869, 263152
E-mail : anuvidyut@vsnl.com, anuvidyut@hotmail.com
URL : www.anuvidyut.co.in, www.anuvidyut.com

