



इरिसेट

IRISET

ब्लॉक सिगनलिंग प्रयोगशाला

BLOCK SIGNALLING LABORATORY

प्रयोग सं. बी एस एल - 07

EXPERIMENT NO.: BSL - 07

नाम

Name : _____

अनुक्रमांक

Roll No : _____

पाठ्यक्रम

Course : _____

दिनांक

Date : _____

प्राप्तांक

Marks Awarded : _____

अनुदेशक के आचक्षर

Instructor's Initial : _____

Study of modifications required for the circuits of DLBI in Connection with 25KV AC in RE section

MODIFICATIONS FOR DOUBLE LINE BLOCK INSTRUMENTS IN RE AREA:

Following equipments are used and connected as per the diagram:

- (1) Filter unit
- (2) VF transformer
- (3) Block bell unit is used

Block Bell works on similar arrangement as in Single Line Token Instruments. DC input is fed to the oscillator of the Block Bell Equipment, when the Bell plunger is pressed. The Bell circuit works on a pair of conductors between the two stations.

In order to work the indications of Up and Down circuits, phantom circuits are derived, one from the block bell pair and the other from the telephone pair. Each phantom circuit of isolation transformers connected to quad cable used for block working with Earth return works for each indication circuit. Thus two pairs of conductors are required for interconnecting a pair of double line block instruments.

Fill in the blanks:-

1. Number of Line wires required are _____
2. Outgoing line voltage is _____
3. Block bell voltage is _____

[illegible]

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