

separate potential free signal can be extended to data logger. Further wiring to data logger will be done by Rajlway.

- 4.3 The power supply module should be separately housed with proper ventilation.
- 4.4 On the failure of main fuse, suitable LED indication should glow and buzzer should give audio alarm.
- 4.5 The alarms shall be provided with resetting button for cutting off the alarm.
- 4.6 The LED should light up till the fault persists and audible alarm shall only be reset. The visual indication should disappear when the fuse is replaced and TEST button is pressed. However, if another fuse blown off after resetting / muting the buzzer, the audible buzzer should come again along with the visible indication.
- 4.7 The audible alarm should be given by buzzer having dual tone.
- 4.8 Any relays if used in the circuit shall be of OEN or PLA make only.
- 4.9 The nominal system voltage of the fuse circuit will be specified by the Railways.
- 4.10 Two set of potential free contacts shall be provided on rear side for taking remote indication / alarm.

5 Marking :

- 5.1 All markings / indications shall be placed in the vicinity of the components to which they refer and shall not be placed on removable parts.
- 5.2 The A.C.line terminal shall be indicated by the letter 'L' and the neutral terminal by the letter 'N'. Supply voltage has to be indicated nearby the same.

6 Instruction Manual

The Manual shall be provided with every equipment. It should clearly illustrate installation, connection and operating procedures.

7 Test and Requirements

- 7.1 Conditions of Tests: Unless otherwise specified all tests shall be carried out at ambient atmospheric condition.
- 7.2 For inspection of material relevant clauses of this specification shall also apply.
- 7.3 **Acceptance Test**
  - a. Visual Inspection.
  - b. Performance test.
- 7.4 **Routine Test**

