



RING AND TONE GENERATOR MODEL No. ERC- 30

OVERVIEW

The Ring and Ring Back Tone Generator is a Micro Controller Based card to provide ring and ring back tones where Ringer facility is not available in the Telecom Network.

SYSTEM APPLICATIONS

In many of the Telephone exchanges the ringer unit is inbuilt and a separate ringer is not available to cater the needs for the Leased / Dialing Circuits .In order to meet such requirements ERC 30 provides the best solution.

SYSTEM FEATURES

- The system works on -48v +/-20% DC.
- It generates CONTINUES or 3 phase CADENCE ringing voltage of 75V RMS at 25 +/- 1.0Hz
- It can cater up to 36 subscriber lines.
- Visual indications for the presence of continuous ring and individual ring phases ring back tone , fuse blown alarm.
- Ring Voltage Cadence: .4sec ON, 0.2sec OFF.0.4 sec ON and 2.0 sec OFF.
- RBT output: 400/25Hz , Interrupted as :0.4sec ON,0.2 Sec OFF, 0.4 sec ON and 2 sec OFF
- Power consumption: 10VA(Full load).
Ringer output: 30VA.
- Harmonic distortion: <5%
- Ringer Card dimensions: 233X145 mm.
- On board fuse protection for DC input and output ringing voltages.
- Isolation jack for Ring Monitoring and fault isolation.
- Individual Ringing phase ON/OFF control.
- Short circuit protection for ring outputs.
- Input reverse polarity protection.

For Further information, please Contact :

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