

Sequential Ringing System

Key Features

- **Microprocessor Technology and Modular Design**—provides a broad range of ringing frequencies, output voltages and ringing periods in less space
- **RUS* Approved Ringing Generator Modules**—assure governmental agency compliance for RUS-financed installations
- **Stable Output Frequencies**—15 to 66.67 Hz with less than 5% harmonic distortion
- **High Efficiency**—reduces operating costs

*RUS—Formerly REA (Rural Electrification Administration, U.S. Dept. of Agriculture)

Description

The Lorain® SCT2 sequential multifrequency ringing system provides up to five time-division multiplexed ringing output frequencies. A single 50VA remote-programmable ringing generator, under control of its adjacent sequence module, provides the multiplexed, multifrequency output. The sequencer is in-field user programmable and can generate single frequency, multifrequency or coded “distinctive ringing” cadences, all without the need for system firmware changes, multiple-ringing generators or external interrupters and ringing relays. The SCT2 system is extremely compact, with a fully duplicated (redundant) 50VA system occupying only four 1.75" (4.45cm) spaces in a standard 23" (58.42cm) relay rack framework.

Application

The SCT2 is ideally suited for use in compact digital CDO's (community dial offices), either host offices or remote switch units, or for general purpose, multifrequency ringing applications requiring a time-division multiplexed output.

Additional Information

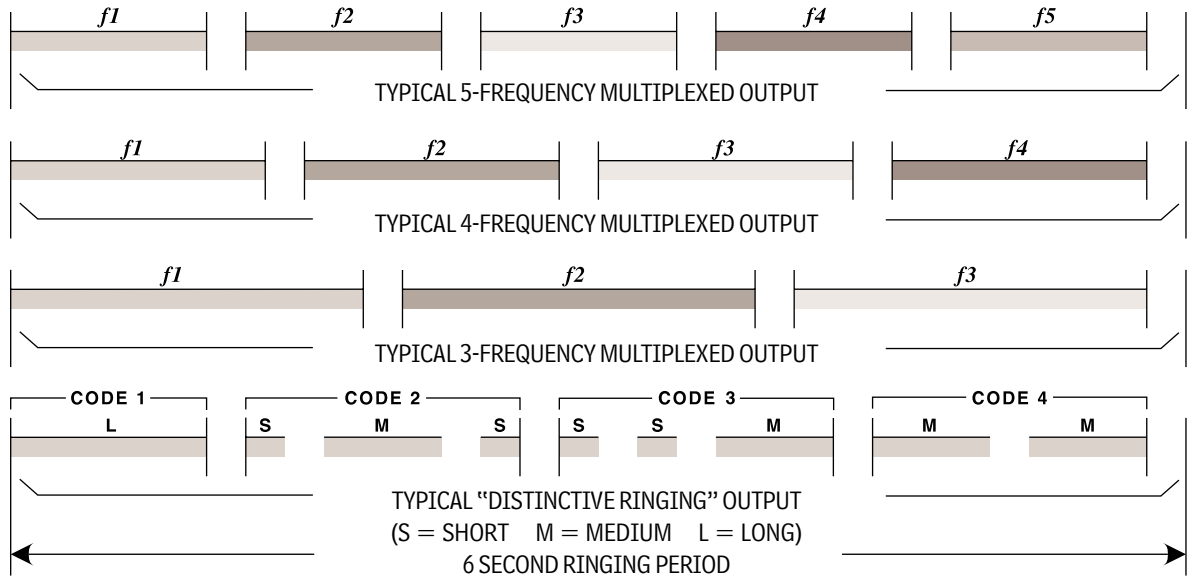
For additional specifications, engineering and installation information, specify Model SCT2, spec. number 58865020010 (system); Model SCT2, spec. number 58865020002 (expansion cabinet); model T50P, spec. number 487110400 (ringing generators); and model SCT2, spec. number 58865020004 (digital volt/frequency meter).



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Configuration Information

Other arrangements, using one, two, three or four frequencies, can be in-field programmed. Frequencies may be harmonic, synchrononic, decimonic or 20 Hz single frequency. Special combinations of these frequencies are available by in-field programming.



www.marconi.com/power
Marconi Communications
 1122 F Street
 Lorain, OH 44052
 800-800-1280
 Fax: 440-246-4876

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