



MAINTENANCE TERMINATION UNIT FOR ISDN

Abstract

Disclosed is a Maintenance Termination Unit (MTU) for an Integrated Services Digital Network (ISDN). A tone ringer (13) is provided at the end of the customer loop to generate an AC signal. The signal is applied through a transformer (T₁) and rectifier (D₁) to charge a capacitor (C₁). The resulting voltage across the capacitor causes a normally closed MOS switch (Q₁, Q₂) to open and disconnect the customer until the capacitor discharges.