



XE0005 Data Access Arrangement

Features

- Small Size - 1.25" x 1.0" x 0.5"
- User Transferable FCC Part 68 Registration
- Ring Detection and Hookswitch Control
- Single +5V Operation
- 2 to 4 Wire Converter
- 1500 Volt Isolation
- 800 Volt Surge Protection
- Wide Band-Width Transformer
- For use with dial-up, PBX and leased lines

Description

The XE0005 Data Access Arrangement provides a 'direct connect' telephone line interface. It is FCC Part 68 Type WP registered to meet hazardous voltage, surge and leakage current specifications.

This component may be used as the direct connect telephone line interface for virtually any application in which voice or data is to be transmitted over the public switched telephone network.

The XE0005 provides high voltage isolation, independent on/off hook control, ring detection and 2 to 4 wire converter hybrid circuitry for use in modem applications. It operates from a single +5 volt power supply and occupies 1.25 square inches of board space. The wide band-width transformer internal to the XE0005 is designed for use in high speed applications, such as a CCITT V.32 modem. This DAA is pin compatible with the XE0002, for easy upgrading of existing designs.

