TeLINK

TeLINK serves as an interface between a CCN and a telecommunications network. The TeLINK module and a modem enable the CCN to communicate over telephone lines with other similarly equipped CCNs. The telephone connection between the CCNs enables system elements in the two networks to communicate as though they were connected directly.

The TeLINK module can be purchased alone (part number CEPL130256), packaged with a 9 Vac power supply (part number CEPL130331), or packaged with a modem and a 9 Vac power supply (part number CEPL130343).

FEATURES

The TeLINK module is a device similar in appearance to an external modem. It can be placed on a desktop or inside a standard NEMA enclosure. It consists of a control module equipped with software designed to do the following:

- Report alarms generated at a remote job site to a central monitoring center or beeper service.

- Allow alarm reporting to one site during occupied hours and another during unoccupied hours.

- Allow remote system elements to be queried from a monitoring center.

- Link to a remote site from a monitoring center using ComfortWORKS.

- Provide an automatic daily or manual "self-health" check of communication from the remote site to the monitoring center.

- Provide some Network Directory Services (NDS) directory and diagnostic functions for the primary CCN bus to which it is connected.

If you purchase only the module, TeLINK requires a user-supplied PCMCIA Type II modem card. Default configuration is for the U.S. Robotics® 28800 modem. It also requires a user-supplied unregulated 9 Vac power supply.

An RJ-II modular telephone jack allows quick connection of a Network Service Tool to the front of the TeLINK module. The back features a 0.1 inch (2.5 mm) minia-

ture power jack, a removable, three-pin screw terminal type CCN bus connector, and a PCMCIA Type II modem slot with ejector.

You can configure TeLINK to respond in two ways to alarms that occur on its CCN. One way is to initiate a call to a monitoring site and transmit the alarms to the monitoring site's ComfortWORKS. The other is to dial a beeper service that will activate a beeper carried by a service person. Configuration for each alarm reporting function includes specifying which alarm levels will cause TeLINK to dial out.

You can configure TeLINK to send alarms to one monitoring site during occupied hours and to a different monitoring site during unoccupied hours. Two phone numbers, a primary and a backup, can be specified for each occupancy state.

TeLINK is capable of verifying the integrity of the phone line and modem. When configured to perform diagnostics, TeLINK sends a daily alert to the monitoring center and indicates when the diagnostic check is complete.

TeLINK also maintains a record of:

- whether buffered alarms and alerts exist.

- the number and percentage of alarms and alerts that were received by the monitoring center.

- the result of the last outgoing alarm or diagnostic call.

- its connection status (idle, dialing a modem or beeper service, etc.).

- current line status for the monitoring facility.

SPECIFICATIONS

Power Requirements:
Control module .... 9 Vac, ± 15%, 500 mA minimum

Storage Temp .... -40°F to 140°F (-40°C to 60°C)

Operating Temp .... 32°F to 122°F (0°C to 50°C)

Operating Humidity .... 10% to 90% RH, noncondensing

Storage Humidity .... 10% to 90% RH, noncondensing

Dimensions:
Length .... 5.25 in (13.335 cm)
Width .... 5.00 in (12.7 cm)
Height .... 1.62 in (4.15 cm)

Conforms to guidelines for radiated and conducted emissions for a Class A device as stated in FCC Rules and Regulations Part 15, Subpart J.

UL 916 PAZX, UL 864 UDTZ, ULC, and CE MARK (Light Industrial) listed.

Note: Modem selection should comply with the rules and regulations specified by the local telecommunications company. Modems should be purchased in the country where they will be used.