DACT-E3

Digital Alarm Communicator Transmitter

General

The Digital Alarm Communicator Transmitter (DACT-E3) is a digital communications circuit. It is an optional component of the following systems.

- E3 Series® Expandable Emergency Evacuation System
- S3 Series Small Addressable Fire Alarm Control Panel

The DACT-E3 sends digital signals over the telephone network that transmits to a central station. This module can be located in the main cabinet or remotely located via a local RS-485 serial interface.

The DACT-E3 is compatible with digital alarm communicator receivers (DACRs) that receive the following signaling formats:

- SIA DC8
- SIA DCS20
- Ademco Contact ID
- 3+1 1400 Hz
- 3+1 2300 Hz
- 4+2 1400 Hz
- 4+2 2300 Hz

DACT-E3

In addition to the DACT-E3 being compatible with digital signaling formats, the DACT-E3 features numerous formats for communication to a central station. As a digital communicator, the DACT-E3 complies with FCC Part 8, Telecommunication Standards for DC and AC Ringer Equivalence.

Installation

The DACT-E3 is adaptable for installation in the standard E3 Series and S3 Series System cabinets. Typically, the DACT-E3 module mounts on standoffs on top of the left side of the ILI-MB-E3/ILI95-MB-E3 or SLP (Smart Loop Panel) module. Either unit can be easily connected to the backbox or sub-assembly plate depending on the cabinet module.

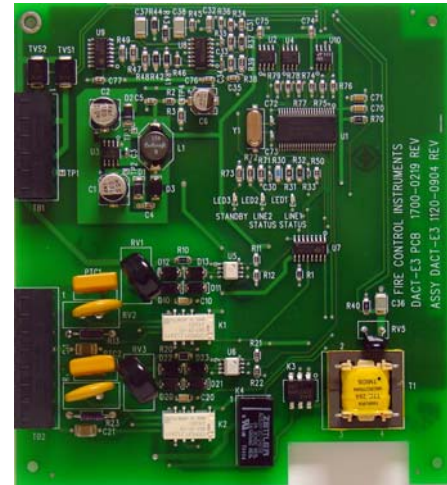For instructions on how to install the DACT-E3, refer to the following documents:

- E3 Series Expandable Emergency Evacuation Manual, P/N:LS10080-051GF-E
- DACT-E3 Installation Instructions, P/N:9000-0581
- S3 Series (Small Addressable Fire Alarm Control Panel) UL Listing Document, P/N:LS10005-051GF-E

Ordering Information

DACT-E3: Digital Alarm Communicator Transmitter

FEATURES & BENEFITS

- Listed under UL®® Standard 864, 9th Edition
- Transmits and verifies data to the central station

- Communicates with the following sub-assemblies via the RS-485:
  - E3 Series
  - ILI-MB-E3
  - ILI95-MBE3
  - S3 Series, SLP

- Sends information in a variety of formats (including full Contact ID)
- Offers pre-programmed dialing to the central station phone number

- Performs on and off-hook status to the phone lines
- Traces proper central station "ACK" and "Kiss-off" tone
- Activates hang-up and release phone lines

- Compatible with the IPDACT Internet Communicator

DACT-E3 Technical Specifications

SYSTEM

Operating Voltage: 24 VDC (from the PM-9/PM-9G power supply)

Operating Current: 0.018 amp

Alarm Current: 0.018 amp

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93%, non-condensing at 90° F (32° C)

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The DACT-E3 is designed to comply with the following standard:

UL Standard: UL 864 9th Edition

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

UL Listed: S1869

FM Approved: 3025415

MEA Approved, Fire Dept. of New York: COA# 6077

CSFM: 7165-1703-0125

City of Chicago: Class 1, Class 2 and High Rise

City of Denver

For a complete listing of all compliance approvals and certifications, please visit: http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx

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For more information

Learn more about Gamewell-FCI's DACT-E3 and other products available by visiting www.Gamewell-FCI.com

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