DACT-E3

by Honeywell

Description

Digital Alarm Communicator Transmitter

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 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

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 Instructions

The DACT-E3 is adaptable for installation in 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.

Note: For instructions on installing the DACT-E3, refer to the following documents:
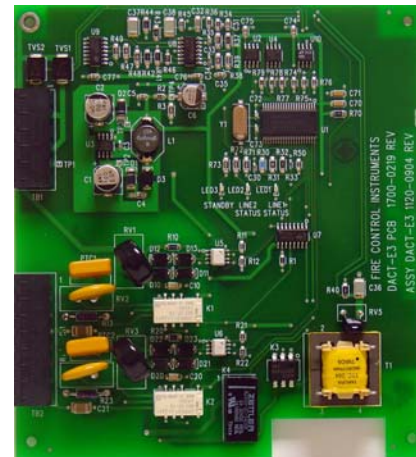
- E3 Series Expandable Emergency Evacuation Manual, P/N:LS10080-051GF-E
- DACT-E3 Installation Instructions, P/N:9000-0581
- S3 Series (Small Addressable Fire Alarm Control Panel) UL Listing Document, P/N:LS10005-051GF-E

Specifications

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)

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DACT-E3

Features

- Listed under UL® Standard 864, 9th Edition.
- Communicates with the E3 Series, ILI-MB-E3/ILI95-MB-E3 or S3 Series SLP sub-assembly via RS-485.
- Transmits in a variety of formats (including full Contact ID).
- Transmits and verifies data to the central station.
- 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.

Ordering Information

Part Number Description

DACT-E3   Digital alarm communicator transmitter

SIGNALING

UL LISTED S1869

FM APPROVED 3025415

MEA Approved

FDNY: 7165-1703:0125
COA #6077

City of Chicago Approved
Class1
Class2
High Rise

City of Denver Approved