DACT-E3

Digital Alarm Communicator Transmitter

Description

The Digital Alarm Communicator Transmitter (DACT-E3) is an optional component of the E3 Series® Expandable Emergency Evacuation System. 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® System cabinets. Typically, the DACT-E3 module mounts on standoffs on top of the left side of the ILI-MB-E3 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 E3 Series® Expandable Emergency Evacuation Installation/Operating Manual, Part Number: 9020-0574 or the DACT-E3 Installation Instructions Part Number:9000-0580.

Specifications

Operating Voltage:	24 VDC (from PM-9 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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Features

- Listed under UL Standard 864, 9th Edition
- Communicates with the E3, ILI-MB-E3 sub-assembly via RS-485
- Communicates in a variety of formats
- 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

Ordering Information

Model	Description
DACT-E3	Digital alarm communicator transmitter

An ISO 9000-2000 Company

SIGNALING UL LISTED S1869 · FM APPROVED 3025415 · MEA Approved 231-06-E · 7165-0694:268 7165-0694:269 · City of Chicago Approved Class 1 Class 2 High Rise · City of Denver Approved

GAMEWELL-FCI
12 Clintonville Road, Northford, CT 06472-1610 USA • Tel: (203) 484-7161 • Fax: (203) 484-7118
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