

Axis^{AX}

Digital Alarm Communicator Transmitter

The D9068P Digital Alarm Communicator Transmitter (DACT) mounts internally and is compatible with all of the Advanced Axis AX Series Intelligent Fire Alarm Control Panels. The D9068P Communicator communicates in a serial fashion with the fire panel's host microprocessor, receiving real time system status information. The DACT then transmits the system status to a wide variety of listed Central Station receivers.

The D9068P communicator is fully supervised by the fire panel and contains a hardware watchdog circuit. The D9068P's EEPROM memory, input points, and phone lines are automatically tested periodically. The EEPROM checksum is verified every 10 minutes. If the EEPROM checksum fails, a trouble condition is locally annunciated and a trouble report is sent to the Central Station.

A user interface, DACT-PRG (FMR-DACT-KEYPAD LCD), is available for programming and troubleshooting the D9068P Communicator. The LCD Keypad connects to a 5 pin connector (optional bus interface) located on the AX-SEB, Serial Expansion Board. An older version Liquid Crystal Display (LCD) Remote Keypad D7033 can also be used to perform this functionality.

The D9068P Communicator supports 2 reporting formats: Contact ID and SIA300. Depending upon the format chosen and program options selected zone or device/point information may be transmitted to the central station.

There are six different report groups that can be routed to one of four phone settings. These report groups consist of non-supervisory alarms, supervisory alarms, alarm restorals, resets, supervisory restorals, tests and troubles, and trouble restorals.

A reset report is sent when fire system is reset from any off normal condition. Reporting options are fully programmable and flexible to meet site specific and Central Station requirements



Features

- Multiple Communications Formats
 - Contact ID
 - SIA 300
- Communicates general system status, zone status and/or point status
- Separate Trouble LEDs for Line 1 or Line 2 faults, Heartbeat/Watchdog and General Trouble
- Compatible with AxisAX Series Intelligent Fire Panels

Listings and Approvals

- ETL ANSI/UL 864 Listed: 3118002NYM-001B
- UL Listed UOXX.S5579
- CSFM Approved: 7165-1713:0101
- NYCFD COA #6105A2

Phone Line Selection: The D9068P Communicator follows a pre-determined sequence to select between the phone lines. It also implements the new NFPA requirements for alternation of phone lines during test reporting. The D9068P Communicator maintains a variable that selects either Phone Line 1 or Phone Line 2 for automatic test reports. After each successful test report, the variable switches to select the other phone line.

Communication Failed Indication: The D9068P Communicator indicates a communication failure after ten attempts to communicate are completed without success. This causes the on board DACT trouble LED to light, the trouble LED on the fire panel to light along with an error message displayed on the panel's LCD display and the trouble relay on the fire panel to activate.

History Buffer: The D9068P Communicator has an onboard history buffer that retains up to 100 events. Each event is tagged with the date and time of occurrence. This buffer can be viewed via the FMR-DACT-KEYPAD LCD (or a D7033 LCD Remote Keypad). When the buffer is full, old events are discarded (first in, first out) to make room for new events.

Lightning Suppression: MOVs and spark gaps are built into the D9068P Communicator to suppress lightning surges and static discharges on input and telephone interface circuits.

Specification

Voltage	10.2 - 28 VDC
Operating Current	
Quiescent	109mA
Alarm	125mA
Environment	Indoor, Dry
Temperature (Operating)	32 °F - 120 °F (0 °C - 49 °C)
Dimensions (H x W x D)	7.75 in. x 5.1 in x 2.5 in. (19.7cm x 13.1cm x 6.4cm)
Weight	5.2 Ounces

Order Codes and Options

D9068P	Digital Alarm Communicator Transmitter PCB with dual telephone cords
AX-SEB	DACT Serial Interface Module (1 required for each D9068P, mounts internally to AX and AX "V" Series Panels) includes mounting hardware and cables
AX-DACT	Mounting Adaptor Plate includes metal plate and mounting hardware to adapt D9068P to AX-CTL-1 Fire Panel
DACT-PRG	LCD Keypad For Programming D9068P DACT

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