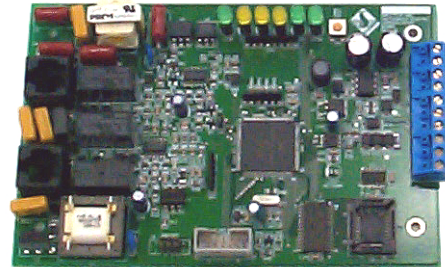


Description

The Networked Digital Communicator (hereafter referred to as the “NDC”) allows a Safetech Series 1000 or Series 3000 fire alarm control panel to report events to a central monitoring station, over the public phone system. The NDC supports the Contact ID reporting protocol for reporting the type and location of events. The NDC can use one or two phone lines.



Features

- Compatible with the industry-standard Ademco Contact ID reporting protocol.
- Split reporting, dual reporting, and selectable reporting
- Built-in dual phone line-seizure circuit.
- Dual phone line monitor circuits.
- Transient voltage protection of phone lines.
- Light-emitting diodes (LEDs), visible from front of enclosure, indicating: Power (Green); NDC Trouble (Yellow); Line 1 Fault (Yellow); Line 2 Fault (Yellow); Line 1 In Use (Green); Line 2 In Use (Green).
- Easy programming using PC Programming Software
- Fuseless design, 24 VDC.
- Electrically erasable read-only memory (EEPROM) for nonvolatile storage of all programmable option data. Eliminates the need to reprogram the communicator if power is lost.
- Built-in watchdog circuit that monitors the operation of the NDC.
- Compatibility with many Underwriters Laboratories (UL) Fire Listed receivers (see Section 1.4 for list).
- Model 2990 provided as a bare board for mounting inside a control panel.
- Model 2995 housed in a 9.25” x 7.18” x 2” metal enclosure.
- Compatible with SafeTECH Series 1000 or 3000 FACPs.
- When used with S3000, reports event address for point alarms and troubles.
- Optional diagnostic speaker.
- May be mounted up to 8000 feet from the FACP. **Note: See Section 2.2 of the User Manual for further details.**
- Comm Test button for generating a manual test report.

Compatible Receivers*

RECEIVER	Models
Sur-Gard	MLR2-DG
FBI	CP220
Hoffman Osborne	OH-2000
Radionics	6500, 6600

*Note, this list is currently being expanded

Mounting

Safetech requires that the NDC be mounted inside one of our UL listed enclosures. The NDC should be mounted using the supplied components. The four plastic standoffs snap into the NDC board, and the four screws are used to secure the standoffs to a flat surface. The NDC board requires four mounting holes (0.125” diameter) placed in a rectangle, with 5.30” horizontal spacing, and 2.95” vertical spacing. Safetech will provide a mounting template with the NDC to aid in correctly drilling the holes.

