

INSTALLATION MANUAL: 70V-1000 70V EXTENDER

NOTICE TO THE INSTALLER

This manual provides an overview and the installation instructions for the 70V-1000 module. All terminals are power limited and should be wired in accordance with the requirements of NFPA 70 (NEC) and NFPA 72 (National Fire Alarm Code). Failure to follow the wiring diagrams in the following pages will cause the system to not operate as intended. For further information, refer to the control panel installation instructions. The module shall only be installed with listed control panels. Refer to the control panel installation manual for proper system operation.

1. DESCRIPTION

The 70V-1000 module extends the output voltage to 70V on the DCA-5025 and DCA-10025. The 70V-1000 is equipped with a stacker bracket for secure mounting.

2. TECHNICAL SPECIFICATIONS

Standby Current	2 mA
Alarm Current	562 mA
70V-1000 Voltage	24VDC
Operating Temperature Range	32° to 120° F (0° to 49°C)
Operating Humidity Range	10% to 93% (non-condensing)

3. INSTALLATION

The 70V-1000 is connected to the DCA-5025 or DCA-10025 using an eight (8) pin ribbon cable. The connection is supervised and power limited. The 70V-1000 must be mounted in the DCA enclosure. Each card is equipped with bracket for secure and accessible mounting.

FIGURE 1. 70V-1000 CONNECTION DIAGRAM

