

AS6011-00

ADDRESSABLE CZM - CONVENTIONAL ZONE INPUT MODULE (CLASS A/B)



Application

The AS6011-00 provides installing dealers with the ability to upgrade locations on a phased approach or monitor a zone of conventional detectors. This capability is key to satisfying customer needs for a system upgrade over time, and allows a best case application of technology to match the upgrade with the customer's budget. All sensors may be monitored by the same Supreme Panel during the upgrade, reducing the potential confusion of "old and new" panel alarms.

Operation

The AS6011-00 Conventional Zone Module is designed for use on the Supreme analog addressable system. Up to 127 devices can be placed on a single SLC loop. The device address is uniquely stored on an onboard EEPROM. The module allows the panel to interface and monitor two-wire conventional detectors. Each AS6011-00 transmits the status of one zone of devices (25 maximums per zone) back to the panel. The AS6011-00 supervises the power supply as well as the entire zone of devices. Status conditions are reported as normal, open or alarm. All 2-wire detectors must be UL listed and compatible to be interfaced with the AS6011-00. The interrupt driven Digital Communication Protocol (DCP) combines maximum communication reliability and fast response to emergency conditions. The module has a single bi-colored LED to indicate device status. It fits into a standard 4" square or double gang electrical back box. After addressing, Conventional Zone Modules are fully configurable through Loop Explorer Programming Software.

Standard Features

- UL 864 9th Edition Listed
- Provides an address point for a zone of up to 25 conventional detectors
- Blanks green when polled. Latched on red (controlled by panel) when activated
- Device address can be programmed with a handheld programmer. Device address ranges from 1 to 127
- Compatible with Class B (Style B) and Class A (Style D) wiring styles
- Auxiliary power source provides power for the zone of detectors
- Compatible with conventional Avenger detectors

Technical Specifications

Supply Voltage (S - SC)	25.3 - 39 VDC
Auxiliary Supply Voltage	18.8 - 27.2 VDC
Average Current Consumption	670µA
2-Wire Detection Loop Current	1mA Max
Current Consumption from AUX	60mA Max
EOL Device	4.7 Ohms Resistor
Alarm Threshold Level	<1.5K ohms
Wiring Threshold Level	>2.5K ohms & 6K ohms
Open Circuit Threshold Level	>10K ohms
Maximum Resistance for conventional circuit	50 ohms (total wire length)
Maximum Quantity per Loop	127
Operating Temperature Range	32°F to 120°F (0°C to 49°C)
Maximum Humidity	Up to 90% non-condensing
Dimensions	4.2"(W) x 4.7"(H) x 1.4"(D)
Mounting	4" Square Electrical Box

Engineering Specifications

The contractor shall furnish and install where indicated on the plans, Conventional Zone Module (AS6011-00). The modules shall be UL Listed and compatible with the DCP Protocol. The device address shall be electrically programmed and stored in EEPROM. A bi-colored LED shall indicate device status. The AS6011-00 shall be supplied with a plastic cover and shall be suitable for mounting to a 4" square or double gang electrical back box.

