

AS6040-00 / AS6041-00

ADDRESSABLE SUPERVISED OUTPUT MODULES



Ordering Codes

AS6040-00	Addressable Supervised Output Modules Class A/B
AS6041-00	Addressable Supervised Output Modules Class A/B with built-in Short Circuit Isolator

Application

The Class A Supervised Output Modules (AS6040-00 & AS6041-00) have been designed to provide application flexibility and quick response to emergency conditions.

Operation

Flexibility is provided by a wide range of operating modes, including supporting multi-zone operations, and/or functions, up to 16 different modulation patterns and multi-state programming. The operating parameters for the AS6040-00 & AS6041-00 are maintained by the module and do not require individual communication with the control system during emergency conditions to operate.

The control panel simply broadcasts system conditions on the Signaling Line Circuit (SLC) and the AS6040-00 & AS6041-00 modules do the rest based upon the custom configuration. Each AS6040-00 & AS6041-00 provides a single Class B or Class A circuit rated for 2.0 Amps @ 24 VDC. Each AS6040-00 & AS6041-00 also requires a 24 VDC power source in addition to the SLC.



Standard Features

- UL 864 9th Edition Listed
- Flexible application
- Quick response to emergency conditions
- Operation parameters are maintained by the module, and individual communication with the control system during emergency conditions is not required
- Contacts are rated 2.0 Amps @ 24VDC
- Optional built-in Short Circuit Isolator (AS6041-00)
- Programming is highly flexible providing 16 priority states plus zoning capability
- Programmed device output is turned off, silenced, or programmed to output the selected pattern

Technical Specifications

Supply Voltage (S - SC)	25.3 - 39 VDC
Auxiliary Supply Voltage	24 VDC
Output Rating	2A @ 24VDC
Current Consumption (S-SC Line)	AS6040-00: 420µA (Standby) AS6041-00: 220µA (Standby) 6mA MAX (Alarm)
Current Consumption from AUX	50µA (Typical)
SCI on Resistance	40 Ohm Max (Normal Condition)
SCI Fault Detection Threshold	12 Volts (Typical)
SCI Isolation Current (Short Circuit Condition)	10mA (Typical)
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, addressable Class A Supervised Output Modules (AS6040-00 / AS6041-00). The modules shall be UL listed and compatible with THE DCP protocol supporting fire alarm control panel. The device address shall be electrically programmable and stored in EEPROM. A bi-colored LED shall flash to indicate normal system communication. The modules shall be supplied with a plastic cover and shall be suitable for mounting to a 4" square or double gang electrical back box. The modules shall provide a monitor LED that is visible from outside the cover plate.