

# AS6040-00 & AS6041-00

with Short Circuit Isolator

## Supervised Output Modules (Class A Wiring)



### Standard Features

- Built-in SCI circuitry (AS6041-00 only)
- 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
- 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

### Operation

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

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.

### Technical Specifications

**Supply Voltage Nominal:** 25.3-39VDC

**Auxiliary Supply Voltage:** 24 VDC

**Average Current Consumption:**

**AS6040:** 420µA (Typical),

**AS6041:** 220µA (Typical)

**On S-SC Line:** Maximum 6mA (Alarm)

**Current Consumption on Auxiliary Power Lines:** 50µA (Typical)

**SCI on Resistance:** 40 ohm Mx. (normal condition)

**SCI Fault Detection Threshold:** 12 Volts (Typical)

**SCI Isolation Current (short circuit condition):** 10mA (Typical)

**Maximum Quantity per Loop:** 127

**Dimensions:** 4.2" W x 4.7" H x 1.4" D

**Mounting:** 4" square electrical box

**Relative Humidity:** 90% RH Non-Condensing

**Ambient Temperature Range:** 32° F to 120° F