

DCP-SOM SUPERVISED OUTPUT MODULE



SPECIFICATIONS	
Supply Voltage (S-SC)	25.3 ~ 39 VDC
Auxiliary Supply Voltage	24 VDC
Average Current Consumption (On S-SC Line)	154µA (Typical) Maximum: 6mA (Red Alarm LED On)
Current Consumption on Auxiliary Power Lines	Typical 1.15mA
Maximum Output Current	2A @ 24 VDC Power Limited
EOL Device	10K ohms Resistor
Max. Quantity Per Loop	127
Dimensions	4.2"W x 4.7"H x 1.4"D
Operating Temperature	32°F (0°C) ~ 120°F (49°C)
Mounting	4" square electrical box
Relative Humidity	90% RH Non-Condensing

STANDARD FEATURES

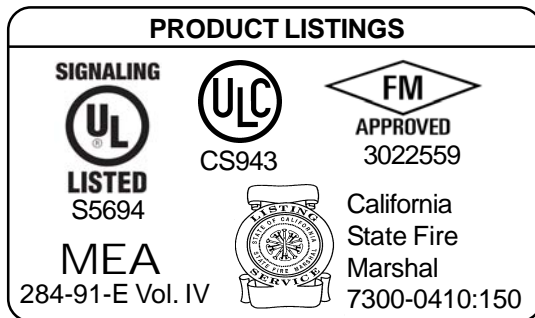
- UL 864 9th Edition Listed
- Flexible application
- Quick response to emergency conditions
- Operation parameters are maintained by the module, and individual communication with the control system during emergency conditions is not required
- Contacts are rated 2.0 Amps @ 24VDC
- Programming is highly flexible providing 16 priority states plus zoning capability

Program status:

- LED will flash red or green
- Programmed device output is turned off, silenced,

DESCRIPTION

The Supervised Output Module (DCP-SOM), has 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 DCP-SOM 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 DCP-SOMs do the rest based upon the custom configuration. Each DCP-SOM provides a Class B Individual Circuit rated for 2.0 Amps @ 24 VDC. Each DCP-SOM also requires a 24 Volt power source in addition to the SLC. Provide software controlled LED indication: blinks green or red when polled, or can be latched on.

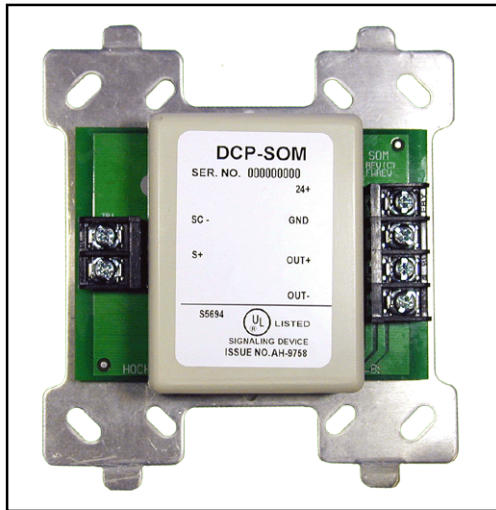


Specifications subject to change without notice.

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ENGINEERING SPECIFICATIONS

The contractor shall furnish and install where indicated on the plans, addressable Supervised Output Module (DCP-SOM). The modules shall be UL listed and compatible with Hochiki Digital Communications Protocol (DCP) supporting control panel loops. The device address shall be electrically programmable and stored in EEPROM. A bi-colored LED shall indicate device status. The DCP-SOM shall be supplied with a plastic cover and shall be suitable for mounting to a 4" square or double gang electrical back box. The DCP-SOM shall provide a monitor LED that is visible from outside the cover plate.



Back side of a SOM

WIRING DIAGRAM

