

DCP-SOM-A

DCP-SOM-A1

with Short Circuit Isolator

Supervised Output Modules (Class A Wiring)



Back side of a DCP-SOM-A

Standard Features

- Built-in SCI circuitry (DCP-SOM-A1 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

Technical Specifications

- Supply Voltage Nominal:** 25.3-39VDC
- Auxiliary Supply Voltage:** 24 VDC
- Average Current Consumption:**
VF6040:420µA (Typical),
VF6041:220µA (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

Dual Relay Modules

DCP-R2ML

Low Voltage

DCP-R2MH

High Voltage

DCP-R2ML-I

Low Voltage w/Isolator

DCP-R2MH-I

High Voltage w/Isolator



Back side of a DCP-R2ML

Standard Features

- Provides two independently configurable Form C contacts per address
- Contacts are rated as follow:
DCP-R2ML/DCP-R2ML-I: 2A @ 30 VDC / 0.5A @ 120 VAC
DCP-R2MH/ DCP-R2MH-I: 8A @ 30VDC / 4.8A @ 250 VAC
- Up to 127 devices can be used on each SLC loop
- Visible Bi-colored LED is software controlled and can be programmed to blink red or green when polled. The LED can be latched on when activated. (For All Models)
- Yellow LED indicates a short circuit condition (DCP-R2MH & DCP-R2MH-I only)
- Programming is highly flexible providing 16 priority states plus zoning capability
- Operates on Class A or Class B SLC loop

Technical Specifications

- Supply Voltage Nominal:** 25.3-39 VDC
- Average Current Consumption:** 350µA (Typical), 405µA (Alarm)
- Contacts:** 2 Independently Controlled Form C
DCP-R2ML/ DCP-R2ML-I: 2A @ 30 VDC/ 0.5A @ 120 VAC
DCP-R2MH/ DCP-R2MH-I: 8A @ 30 VDC/ 4.8A @ 250 VAC
- 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
- UL Ambient Installation Temperature Range:** 32° F to 120° F