DCP-CLIM - Current Loop Input Module

DESCRIPTION

The Current Loop Input Module is designed to interface with sensors or devices that provide a 4 – 20 mA output. This module is available in one or two 4 – 20 mA input(s). Power for the module is provided by the DCP signaling line circuit, and up to 127 modules may be installed on a single DCP circuit.

The module address is electrically programmable and stored in an onboard EEPROM. Each module input has four threshold settings. Each threshold may be set to a different value and a different input action to allow for maximum current monitoring flexibility and annuncia-tion. A status LED indicates the condition of the mod-ule; it flashes green during normal operation and latch-es red during an activation. The module fits into a nor-mal 4” square electrical backbox.

STANDARD FEATURES

- Monitors industry standard 4 – 20 mA signal
- Four programmable thresholds per input
- LED blinks green when polled and latches red when activated (controlled by panel)
- Powered by DCP loop; no auxiliary power required
- Module address is set with handheld programmer.
- Up to 127 modules may be used per DCP loop

ENGINEERING SPECIFICATIONS

The contractor shall furnish and install where indicated on the plans, addressable CLIM modules as required. The device address shall be electrically programmable and stored in EEPROM. The module(s) shall provide a bi-colored LED for indication of status and must be suitable for mounting in a standard 4” square electrical box.

PRODUCT LISTINGS

SIGNALING UL LISTED

California State Fire Marshal 7300-0410:150

SPECIFICATIONS

SLC Applied Voltage	Maximum	39 VDC
	Nominal	33 VDC
SLC Current Consumption	Maximum	450µA
	Surge Current	30mA (in 5ms)
	Alarm & No Input	30mA (in 20ms)
	Nominal	450µA (Typical)
Full Scale Input Range	0 mA to +25 mA 42VDC MAX	
	Normal Input Range: +4 mA to +20 mA	
Input Impedance	100 Ω	
Visual Indicator (status LED)	Bi-Color LED	Green and Red
	Color and Mode	Set by Control Panel software
Dimensions	4.2”W x 4.7”H x 0.85”D	
Operating Temperature	0°C (32°F) - 49°C (120°F)	
Weight	3.0 oz	
Relative Humidity	Up to 90% RH non-condensing	

Specifications subject to change without notice.

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ISO 9001:2015 CERTIFIED

Assembled in the USA

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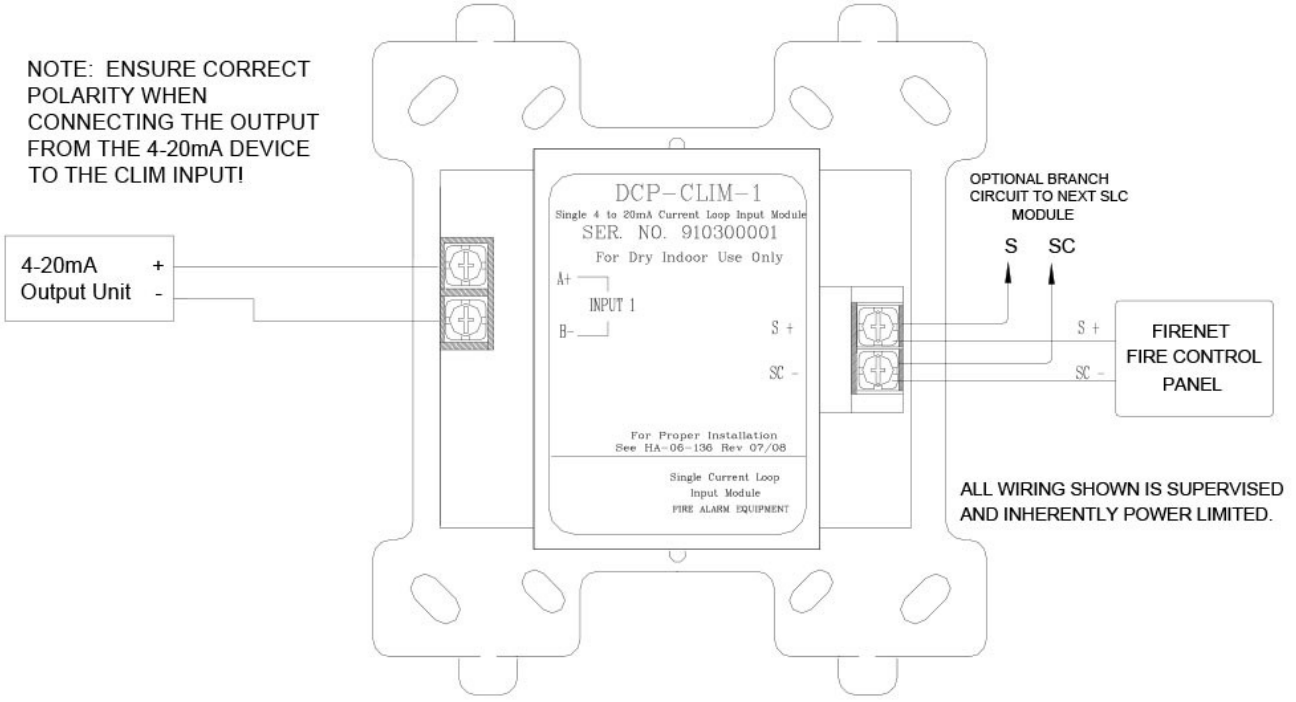
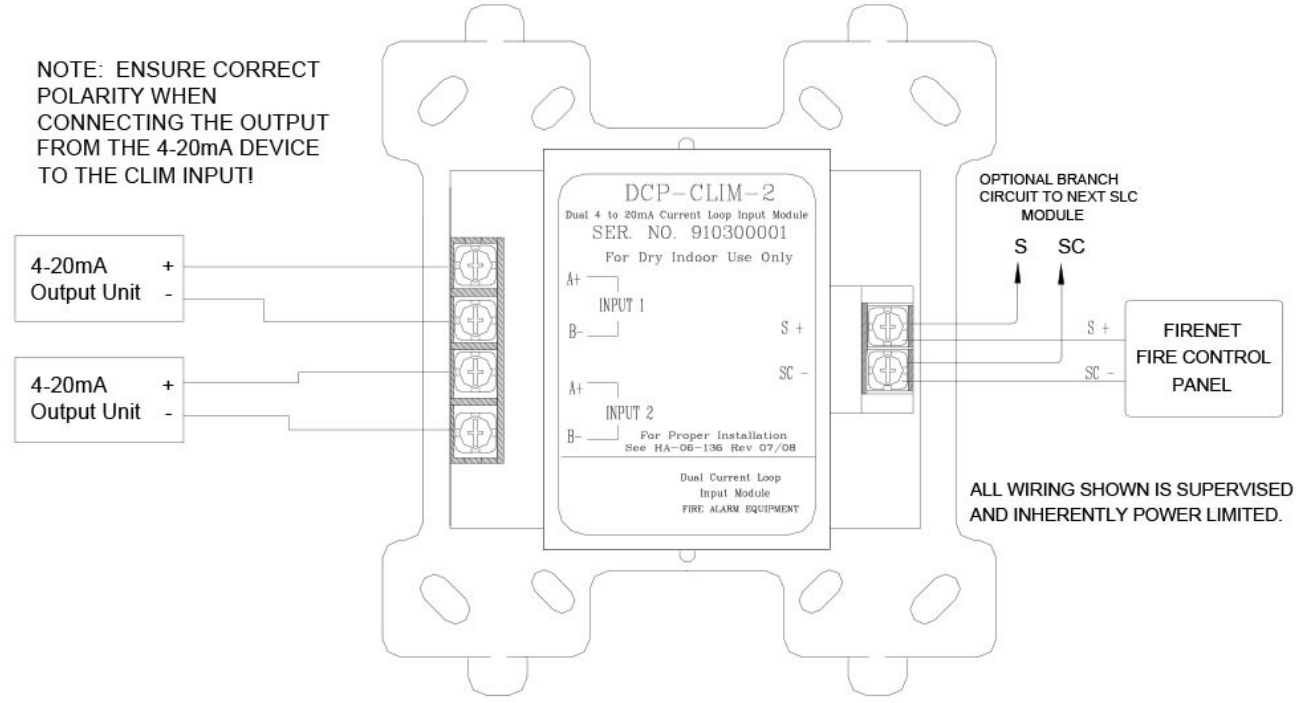
WIRING DIAGRAM





NOTE: Input 2 is only available on the CLIM-2