ORACLE S2EC-LV
SERIES II

Enhanced Loop Monitor

Operations Manual

Addendum to the Oracle S2E Series II Operations Manual

1. Modify 3.1 Installation

The input power supply level should be between 10.8 VDC and 28.8 VDC.
NOTE: CONNECTING TO AC MAINS VOLTAGES WILL CAUSE DAMAGE TO THE UNIT.

2. Modify 2.1.5.3 Timer Control Inputs

Timer Control inputs are provided for each channel to modify the operation of the Delay and Extension functions. The application of a DC voltage will inhibit the Delay timing function and/or enable the Extend timing function as described in sections 2.1.5.1 and 2.1.5.2.

3. Modify 4.2.1 LCD or LED not lit - detector does not operate or have power

Power supply fault: The ORACLE S2EC-LV Series II detectors require a 10.8 to 28.8 VDC nominal supply. The ORACLE S2EC-LV Series II will normally operate at lower voltages but this may result in the unit entering a reset state. In this case, the unit will appear to be non-functional

4. Modify 6.4 Electrical

DC Supply Voltage Minimum ..... 10.8 VDC
DC Supply Voltage Maximum ..... 28.8 VDC
DC Timer Control Inputs
True (active) ..... greater than 16 VDC
False (not active) ..... less than 8 VDC

5. Modify 6.6.2 ORACLE S2EC-LV Pin Assignment

Pin	Channel 1 Function	Pin	Channel 2 Function
A	Power Ground	A	No connection

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Pin	Channel 1 Function	Pin	Channel 2 Function
B	Ch 1 Output Relay Common	**B**	Ch 2 Output Relay Common
C	DC Power	**C**	No connection
D	Channel 1 Loop Input	**D**	Channel 2 Loop Input
E	Channel 1 Loop Input	**E**	Channel 2 Loop Input
F	Ch 1 Output Relay Normally Open	**F**	Ch 2 Output Relay Normally Open
G	Ch 1 Count Relay Normally Open	**G**	Ch 2 Count Relay Normally Open
H	Earth Ground	**H**	Earth Ground
I	Ch 1 Count Relay Common	**I**	Ch 2 Count Relay Common
J	Ch 1 Timer Control	**J**	Ch 2 Timer Control