

3508GLD

INTRODUCTION

Z o n e E x p a n d e r M o d u l e

The 3508GLD is a peripheral add-on module for use with various Electronics Line control panels. The 3508GLD expands the control panel by an additional 8 zones, communicating with the control panel via the LSCP bus.

1. Refer to the control panel's installation manual in order to define the new zone expander and program the additional zones.
2. Disconnect all power, both AC and battery, from the control panel.
3. Install the unit in the required location. The 3508GLD module can be installed inside the control panel's

INSTALLATION

metal housing using the mounting screws and plastic stand-offs provided. Alternatively, this module is available in a separate metal housing for stand-alone installation.

4. Connect terminals 1, 2, 3 and 5 to the four LSCP terminals on the control panel as shown in the diagram below.

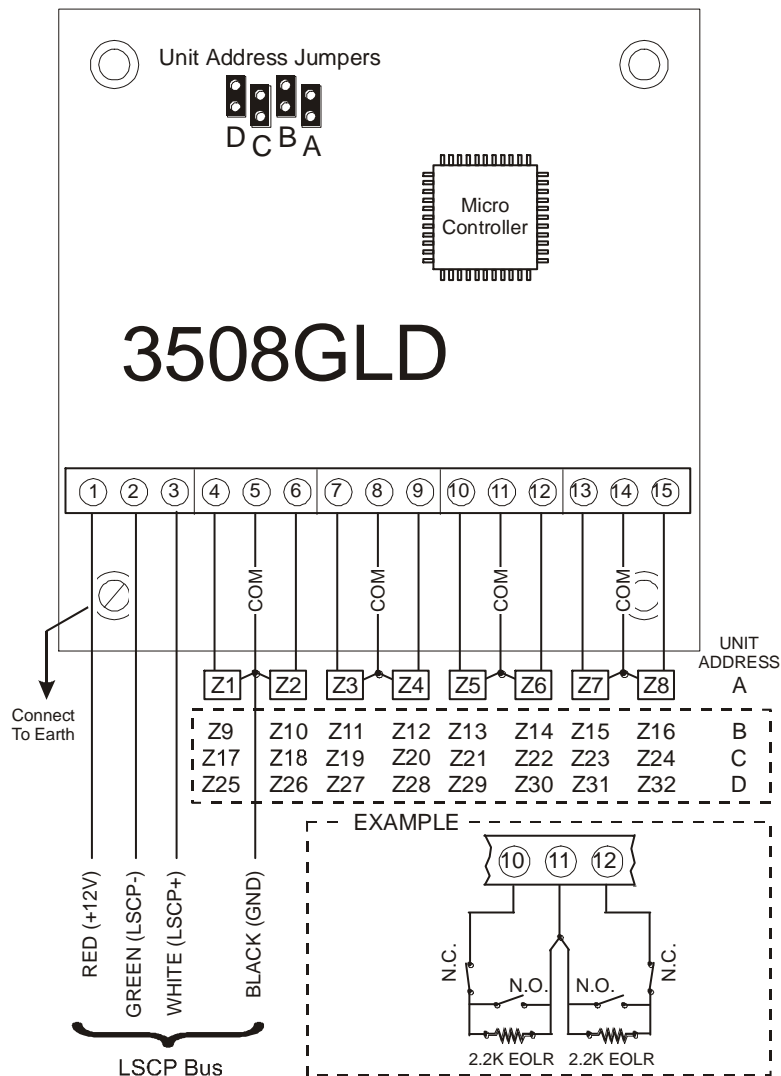


Figure1: Wiring Diagram

5. Install the unit address jumper in the appropriate location to determine the zone range (1-8/9-16/17-24/25-32) – refer to Figure 1: Wiring Diagram.
6. Complete the wiring of the additional zones.
7. Reapply AC and battery power to the control panel.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	RECOMMENDED ACTION
Alarms are received from all of the 3508GLD's zones	General wiring fault Incorrect jumper setting	Refer to Figure 1: Wiring Diagram and the control panel's installation manual to check if the zone expander is wired correctly Refer to Figure 1: Wiring Diagram to check if the address jumper is in the correct position
None of the zones respond	Zone expander definition programming error	Refer to the control panel's installation manual for the correct programming procedure
A single zone does not respond	Parameter programming error for a specific zone Incorrect zone wiring	Refer to the control panel's installation manual for the correct programming procedure Check that the problematic zone is wired correctly

SPECIFICATIONS

Model number	3508GLD Zone Expander Module
Number of zones	8
Unit address	Jumper selectable
Loop Types	N.C. / N.O. / E.O.L.R. programmed at the control panel
Loop Speed	50ms / 750ms programmed at the control panel
Current consumption	10mA
LSCP wiring requirements	16 to 22AWG from the control panel to the 3508GLD



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