

Boat Alarm

Application Sheet 4

Bilge, Intruder, Outboard Motor Tamper Alert

Boat Alarm Application

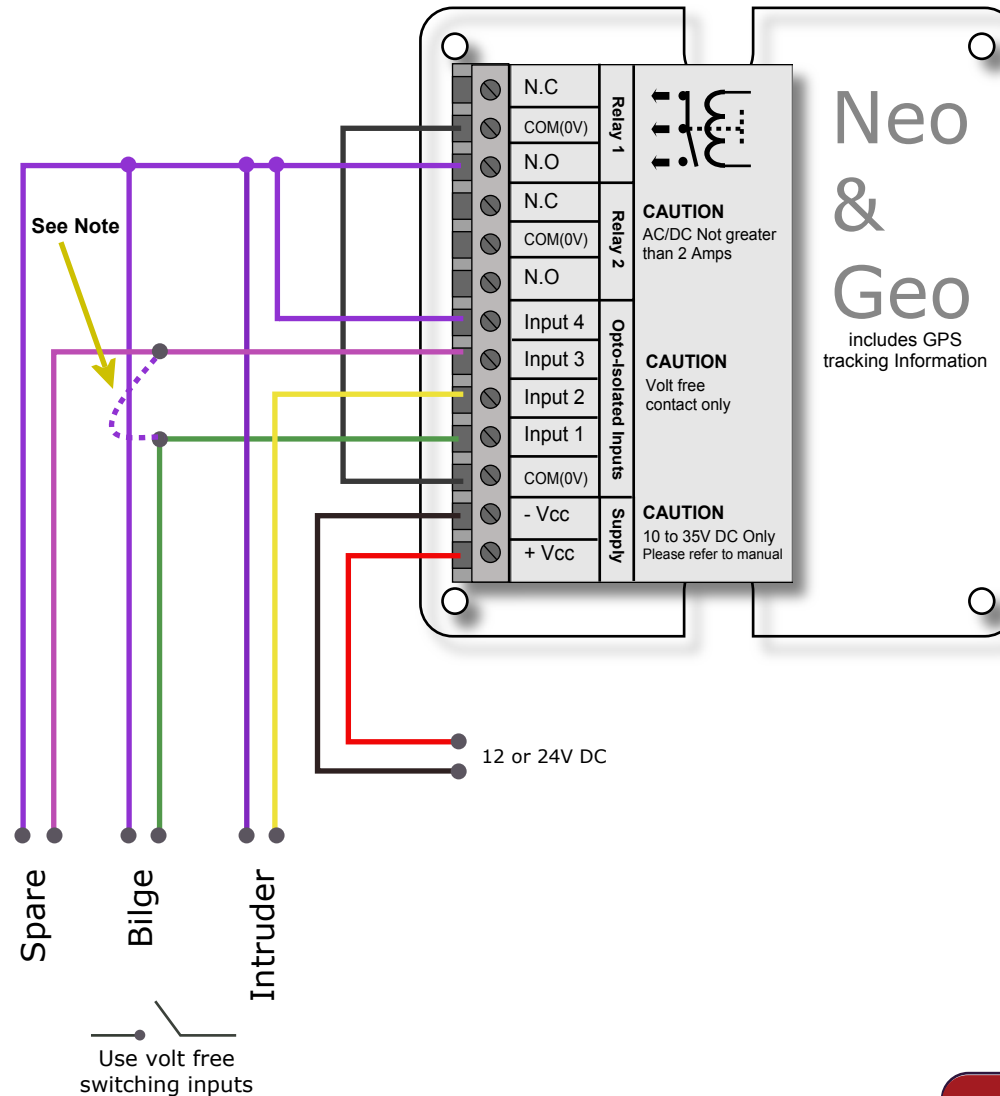
The following application notes detail a typical YOKE Neo / Geo solution.

This document describes a simple alarm system for marine craft but it could equally be used for vehicles, plant hire caravans and so on.

The solution offers the user a simple to operate alarm system that will alert when a bilge floods or an intruder try's to force a door hatch. Calling the device will arm it, no call charges are incurred as the unit drops the call within second or so. An sms text notifies the user of the alarm status.

A feature to escalate the alarm is also described, and provides a secondary level of notification once an alarm duration exceeds a programmed delay.

Please note this application note should be used in conjunction with the advanced user manual.



Stage 1

Activate the devices security feature by Sending "SRE" or "sre" to enable Restricted Access function.
Add users numbers to the restricted access list by sending eg "AC +353 1234567" repeat to add additional numbers.

Relay 1 is used to arm the alarm, Set Relay 1 to toggle On and Off consecutively each time YOKE is called. Send "RM1L" to set relay 1 to latch mode, then Send "RA1E" to enable relay 1. Send "CM1E" to enable call mode on relay 1 (only registered callers will toggle the relay on and off therefore arming and disarming the alarm system. *No Call Charges are incurred as the unit hangs up*

Stage 2

Instruct Input 4 to notify users by SMS when the alarm is armed or disarmed.
Set the input delay to provide a window of time to enter or exit the craft by sending "ID4 30000" (30 seconds)
IS4HY #Alarm Armed##Alarm Disarmed# sets the unit to SMS text when the alarm is set or reset.
Add numbers to the alarm list on input 4 by sending "CA4 +353 1234567" repeat with additional numbers if necessary Max 8 numbers. Same numbers should be on the restricted list.

Finally enable input 4 with "IN4E".

Add bilge, intruder and secondary alerts by repeating stage 2 with inputs 1,2 and 3,
NOTE:
Linking inputs 3 & 1 and setting input 1 up with a delay of many minutes will provide a secondary alert if alarms persist.
Alternatively setting the repeat alarm feature will make sure the alarm get noticed at the cost of additional texts.

IMPORTANT: Please do not attempt to install Yoke without being suitable qualified. Read the full user manual first. The manual contains important safety information and is available from www.yoke.ie

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