

## DS7090 SAFE INTERFACE

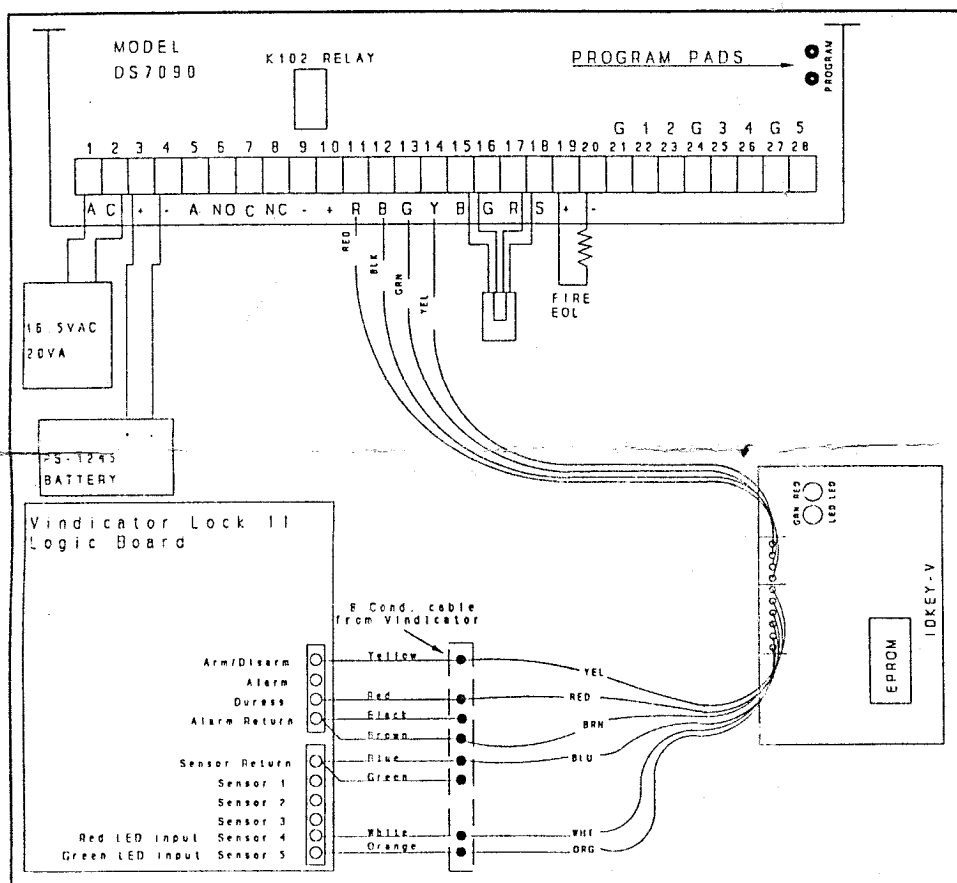
### INSTALLATION INSTRUCTIONS

#### MOUNTING:

- Select a location which has a flat clean surface with a minimum 4½"w x 3"d x 1"h space. Side or door of DS7090 enclosure.
- Clean the mounting surface. Remove the velcro film layer and press unit firmly onto the surface.

#### WIRING:

**CAUTION:** NEVER APPLY POWER UNTIL ALL CONNECTIONS HAVE BEEN MADE.



#### POWER UP:

When power is applied for the first time the IDKEY-V must be programmed.

**NORMAL** Red and Green LED's will follow the controls Arm and zone status conditions. Both LED's will be on solid if the DS7090 is in the SERVICE Program Mode.

**PROBLEM** Red and Green LED's alternate. IDKEY-V has power but a problem exists with the Data In/Out connections.

## PROGRAMMING:

The programming process will require two people. One to operate the DS7090 Control Keypad and one to operate the Vindicator Safe Interface.

- Place the DS7090 Control in **User** Program Mode [Master Code] [#] [0]
- Enter User number "15"
- Enter Function Digit "2"  
Red and Green LED's will flash together.
- Initiate the Vindicator Arm Alarm Panel function. This will activate the IDKEY-V Arm/Disarm input causing a 4 digit user code to be programmed into the Alarm Control. The keypad should give a long beep. If three short beeps are heard and the IDKEY-V Red LED remains on for 2 seconds programming was unsuccessful. If unsuccessful try again. The unit will try a new random code each time.

## OPERATION:

The Safe Control will be used to Arm and Disarm the Alarm system. The IDKEY-V converts the Safe Controls momentary output into a Keypad Arm or Disarm sequence just as if a person was pressing the Keypad keys. The Safe Control also has a Duress feature. It is converted by the IDKEY-V into a Keypad "B" key sequence.

The Arm and Zone status outputs provide the Safe Control with feedback allowing it to provide the user with prompts. The prompts indicate if the zone status is normal, and if the Arm or Disarm command was successful.

## NOTES:

DS7090 ROM VER. 1.09 and prior will give a long keypad beep after "A", "B", or "C" key alarms. These controls should be updated or duress should be wired to a zone. DS Part # ROM-7090A

## TROUBLE SHOOTING:

With the IDKEY-V connected to the DS7090 you can simulate the safe outputs by momentarily shorting the IDKEY-V inputs.

Short Brown and Red to cause a "B" key alarm

Short Brown and Yellow to cause an Arm/Disarm command