# Fire Burglary Instruments, Inc. Model 333 INSTALLATION INSTRUCTIONS

The model 333 is a solid state fire and burglar alarm processor which is designed to segregate actual loop violations, from transient false conditions on fire and instant (Burglary) circuits.

The model 333 may be incorporated on the following control panels:

| | |
|---|---|
| XL-1219UL | XL1218 |
| XL-1290 | XL-1215 |

## OPERATION-FIRE ZONE

If a device on the fire zone trips three times within one minute, the fire control will be activated until manually reset.

Any number of trips under three, within the allotted time span will cause the 333 module to generate a automatic fire reset.

## BURGLARY

The model 333 offers a normally closed instant loop for burglary processing. A violation on this loop must be maintained for 3 or 6 seconds (jumper selectable) to trip the form C dry contacts which will be wired in series with the control panels instant circuit. This loop is NOT an exit/entry delay loop.

Burglary Loop Response Time

| R35 | |
|---|---|
| Connected | 3 seconds |
| Cut | 6 seconds |

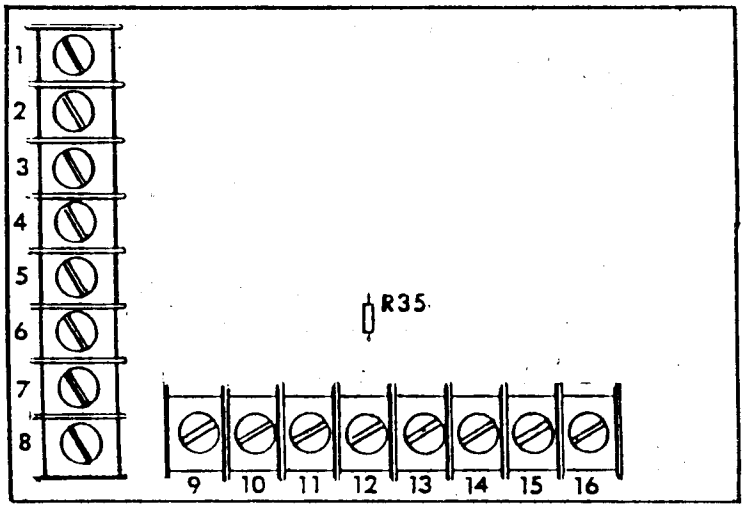
For jumper location, see chart on page 2 .

## TERMINALS - N - FUNCTIONS

MODEL 333

| | | |
|---|---|---|
| 1 | Common | Form C |
| 2 | N/C | Dry Contact |
| 3 | N/O | Output for burglary loop |
| 4 | Common | Form C |
| 5 | N/O | Dry Contact output |
| 6 | N/C | To reset fire zone. |
| 7(+) & 8(-) | | Unregulated 12 volts D.C. input power |
| 9(+) & 8(-) | | Fire bell input from control |
| 10 & 8 | N/O | Remote fire reset switch |
| 11 & 8 | N/C | Burglary loop. Max. loop restance = 1000Ω |
| 12<br>13<br>14<br>15<br>16 | Terminal hook-up<br>for XL1219-UL | |

**Model 333**
**ALARM PROCESSER**



## WIRING INSTRUCTIONS

Use the chart below to wire the Model 333 to the various controls.

NOTE: N/C = NO CONNECTION

| Model 333 | XL1219-UL | & XL1218 | XL1215 | XL1290 |
|---|---|---|---|---|
| 1 } | See Note C | See Note C | 24 | 9 |
| 2 } | | | 25 | 10 |
| 4 | N/C | 20 | 17 | 11 |
| 6 | N/C | 18 | 19 | 13 |
| 7 | 25 | 20 | 17 | 11 |
| 8 | 26 | 21 | 6 | 15 |
| 9 | 27 | 23 | 5 | 14 |
| 10 & 8 | N/C | Note A | Note A | Note A |
| 11 & 8 | Note B | Note B | Note B | Note B |
| 12 | 5 | | | |
| 13 | 4 | | | |
| 14 | 3 | | | |
| 15 | 1 | | | |
| 16 | 2 | | | |

NOTE A: - Wire a normally open momentary Fire Reset Button to model 333, Terminals 10 & 8 to manually reset Fire.

NOTE B: - Normally closed Burglary Loop contacts should be wired in series on model 333 Terminals 11 & 8.

NOTE C: - Wire the model 333 normally closed Burglary output relay contacts, (terminals 1 & 2) in series with the 1K EOL resistor on the desired zone of the XL1219. Wire these terminals 1 & 2 to the desired normally closed zone on the XL1218.

### - PROM PROGRAMMING -

When programming the prom chip for central station monitoring, the fire zone MUST be programmed for STOP DIALING ON ABORT.

For XL1218 and XL1219-UL Quadrant 2, 2P field, L1 = D

For XL1215 OP field, First Location - 1

For XL1290 AL field, Last Location = F

The XL1219 must also be programmed for "Steady Fire Horn" output.