PC3000 HOOKUP DIAGRAM

DRW.# B-51-00013

1. Refer to instruction manual 2900014 for complete operating instructions.
2. DO NOT replace fuses with a higher value than noted on this drawing.

AUX 1A | BELL 5A | BATT 5A

POWER SUPPLY ADJUST (SEE TEXT)

T1 R1 TIP RNG

TELEPHONE INTERFACE

BRN GRY GRN RED

+ RED

- BLK

+ -

TERY 12v/4.0Ah
L-CELL Maximum
tery charge
rent is 360 Ma.
tery capacity
emergency
ndby is at least
hours.

AC AUX + AUX - AUX SW + BELL - KEYPAD RED BLK YEL GRN FIRE Z1 COM Z2 Z3 COM Z4 Z5 COM Z6 Z7 COM Z8 Z9 COM Z10 Z11 COM Z12 Z13 COM Z14 Z15 COM Z16

NSFORMER - 16VAC 40VA
not connect transformer
receptacle controlled
a switch.

BELL\SIREN
700 Ma.MAX

RED BLK YEL GRN

NO AUX

REFER TO THE INSTALLATION MANUAL FOR DETAIL INSTRUCTIONS ON KEYPAD WIRING

PC3000RK KEYPAD (3MAX)

FOR FIRE ALARM INSTALLATION AND INITIATING LOOP WIRING CHART SEE DRAWING # B-51-00014

TYPICAL FIRE ALARM ZONE CONNECTIONS

AUX + AUX - AUX SW + BELL - FIRE

BELL LOOP
700 Ma MAX

4-WIRE SMOKE POWER 12 VDC 400 mA MAX

ALARM INITIATING LOOP RESISTANCE 100 OHMS MAX.

IN OUT ALARM CONTACT IN OUT

RED WHT BLK GRN

SMOKE POWER RELAY (D 12VDC

END-OF-LINE RESISTOR 1000 OHMS 1/2 W

UL LISTED 4-WIRE SMOKE DETECTOR

NOTE: SMOKE DETECTORS MUST BE LATCHING TYPE

TO RESET SMOKE DETECTORS-PRESS (•) THEN HOLD DOWN KEY (4) FOR 2-3 SECONDS

PGM OUTPUT RELAY (keypad #7)

WHT PGM +AUX BLK RED

RM-1

YEL GRN

COM N.C. N.O.

GROUND START CIRCUIT

WHT PGM +AUX BLK RED

RM-1

GRN

COLD WATER PIPE RNG

TYPICAL BURGLARY ZONE CONNECTIONS

NORMALLY CLOSED CONTACTS | NORMALLY OPEN CONTACTS

Z15 COM Z16 | Z15 COM Z16

NC NO

END OF LINE RESISTOR 1 KOHM 1/2 WATT

+12v

-AUX

+12v SWITCHED

AUXILIARY SUPPLY OUTPUTS
400 MA max.

UT
ER
ET
OLT

GROUND ROD