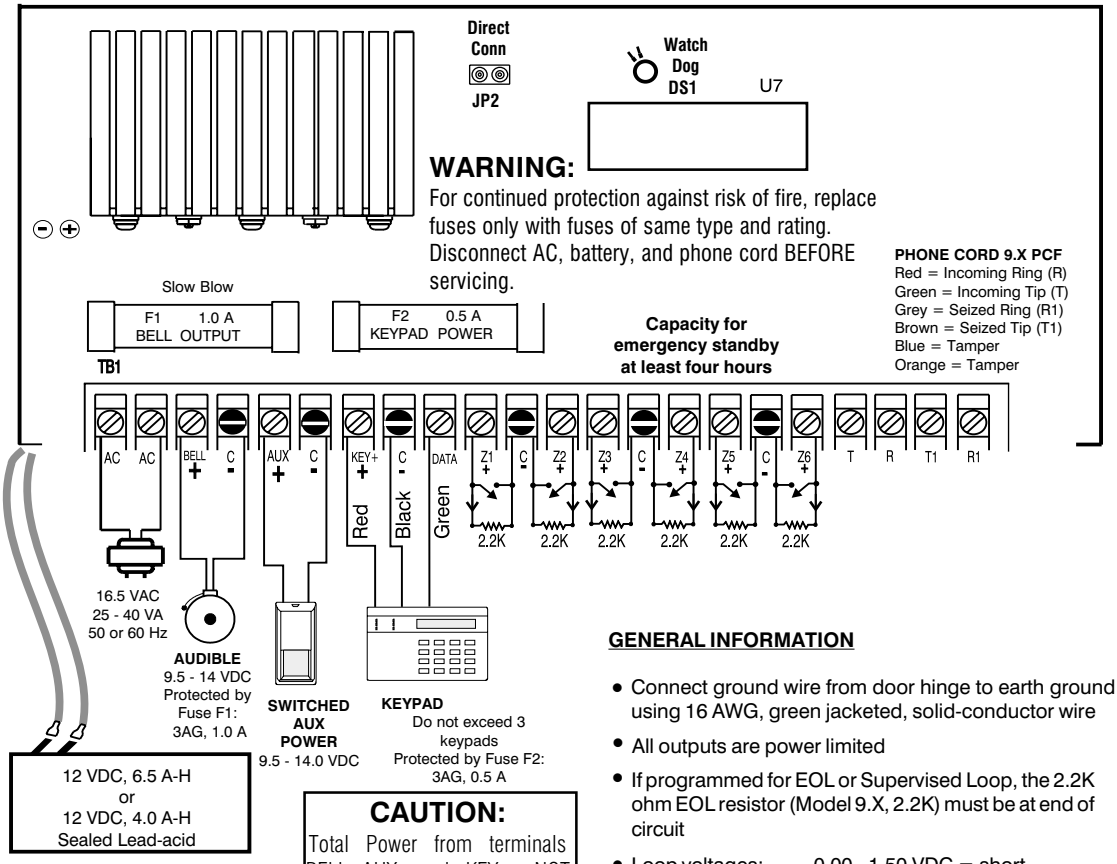
SYSTEM 236 Installation Manual



WARNING:
For continued protection against risk of fire, replace fuses only with fuses of same type and rating. Disconnect AC, battery, and phone cord BEFORE servicing.

CAUTION:
Total Power from terminals BELL, AUX, and KEY+ NOT to exceed 800 mA, combined. (Also see NOTE: below.)

GENERAL INFORMATION

- Connect ground wire from door hinge to earth ground using 16 AWG, green jacketed, solid-conductor wire
- All outputs are power limited
- If programmed for EOL or Supervised Loop, the 2.2K ohm EOL resistor (Model 9.X, 2.2K) must be at end of circuit
- Loop voltages: 0.00 - 1.50 VDC = short
  1.60 - 3.10 VDC = normal
  3.20 - 5.00 VDC = open
- ⊖ are electrically common
- When used as a fire warning system, use a 4-wire smoke detector (Sentrol #ES-449C) with a Power Supervisory EOL Relay Module (System Sensor A77-716 Series) at the end of the detector power loop. Consider the maximum detector alarm load when confirming that the total alarm load is less than 800 mA.

POWER SUPPLY INFORMATION

Use only 12 VDC, 6.5 A-H or 4.0 A-H sealed lead-acid battery

Replace battery every 4 - 6 years with C&K Model 1265 or Model 1240

6.5 A-H standby battery time with 1 keypad is 14 hours at 300 mA

4.0 A-H standby battery time with 1 keypad is 7 hours at 400 mA

Power demand for AUX POWER, keypads, and sounders not to exceed maximum ratings.

Install transformer on unswitched power receptacle

Maximum battery charge current = 350 mA

This equipment should be installed in accordance with the National Fire Protection Association's Standard 72 Chapter 2 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing maintenance, evacuation planning and repair service is to be provided with the equipment.

NOTE:
Total power from terminals AUX and KEY+ **NOT** to exceed 400 mA, combined.

C&K SYSTEMS