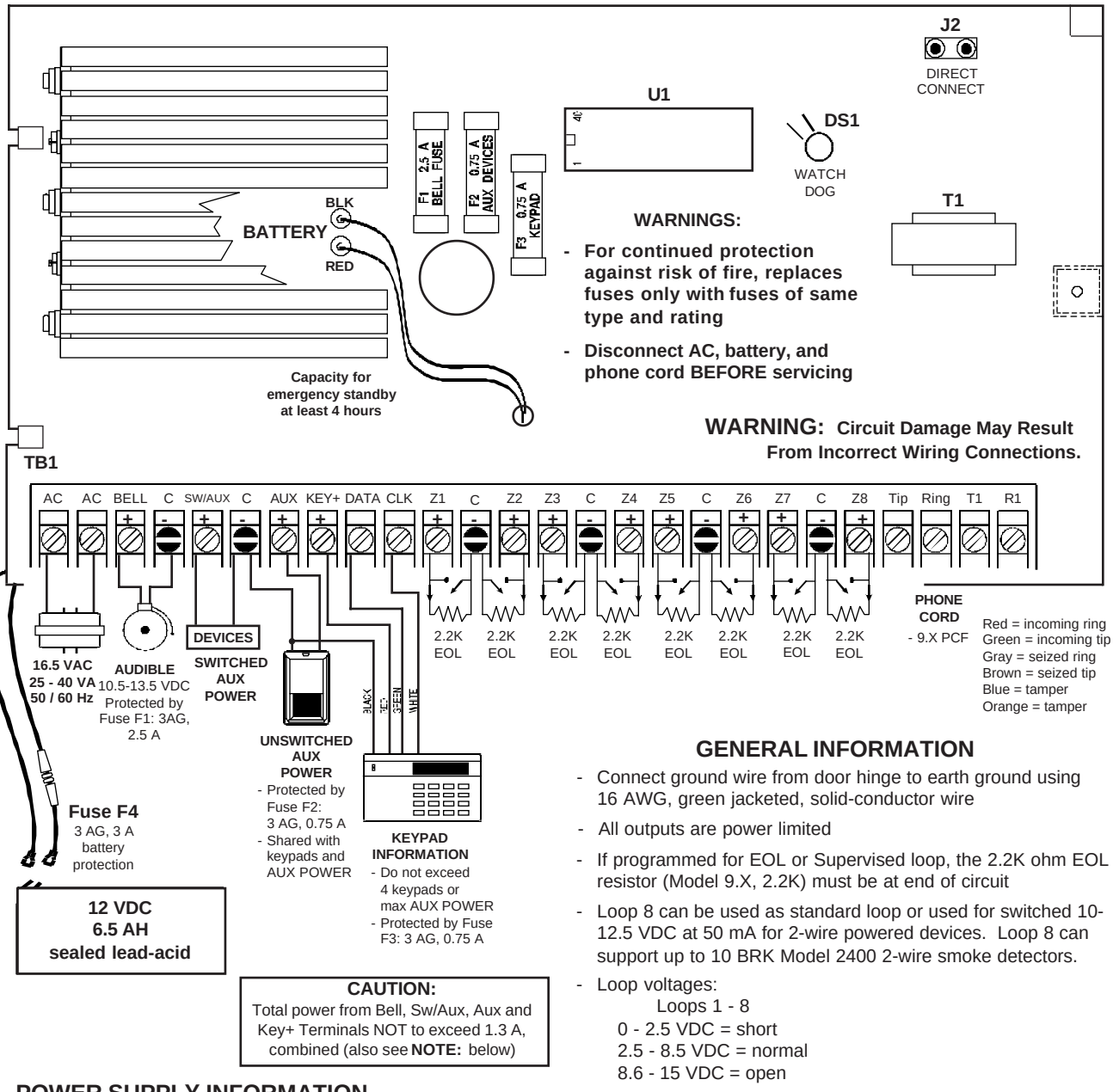
SYSTEM 238 Installation Manual



CAUTION:
Total power from Bell, Sw/Aux, Aux and Key+ Terminals NOT to exceed 1.3 A, combined (also see **NOTE:** below)

POWER SUPPLY INFORMATION

- Only use 12 VDC, 6.5 AH sealed lead-acid battery
- Replace battery every 3 - 5 years with C&K Model 1265
- Standby time with 1 keypad is 16 hours at 250 mA
- Power demand for AUX POWER, keypads, and sounders not to exceed maximum ratings
- Install transformer on unswitched power receptacle
- Remove AC and battery power before replacing fuses
- Maximum battery charge current = 350 mA

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 8 can be used as standard loop or used for switched 10-12.5 VDC at 50 mA for 2-wire powered devices. Loop 8 can support up to 10 BRK Model 2400 2-wire smoke detectors.
- Loop voltages:
  Loops 1 - 8
  0 - 2.5 VDC = short
  2.5 - 8.5 VDC = normal
  8.6 - 15 VDC = open
- ⊖ are electrically common

All ratings listed on this page are in compliance with UL 985, UL 1023, and UL 1635.

NOTE:
To be in compliance with UL 365 and UL 609, total power from Sw/Aux, Aux, and Key+ Terminals not to exceed 150 mA combined.

C&K SYSTEMS

P/N 5-051-162-00 Rev J

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