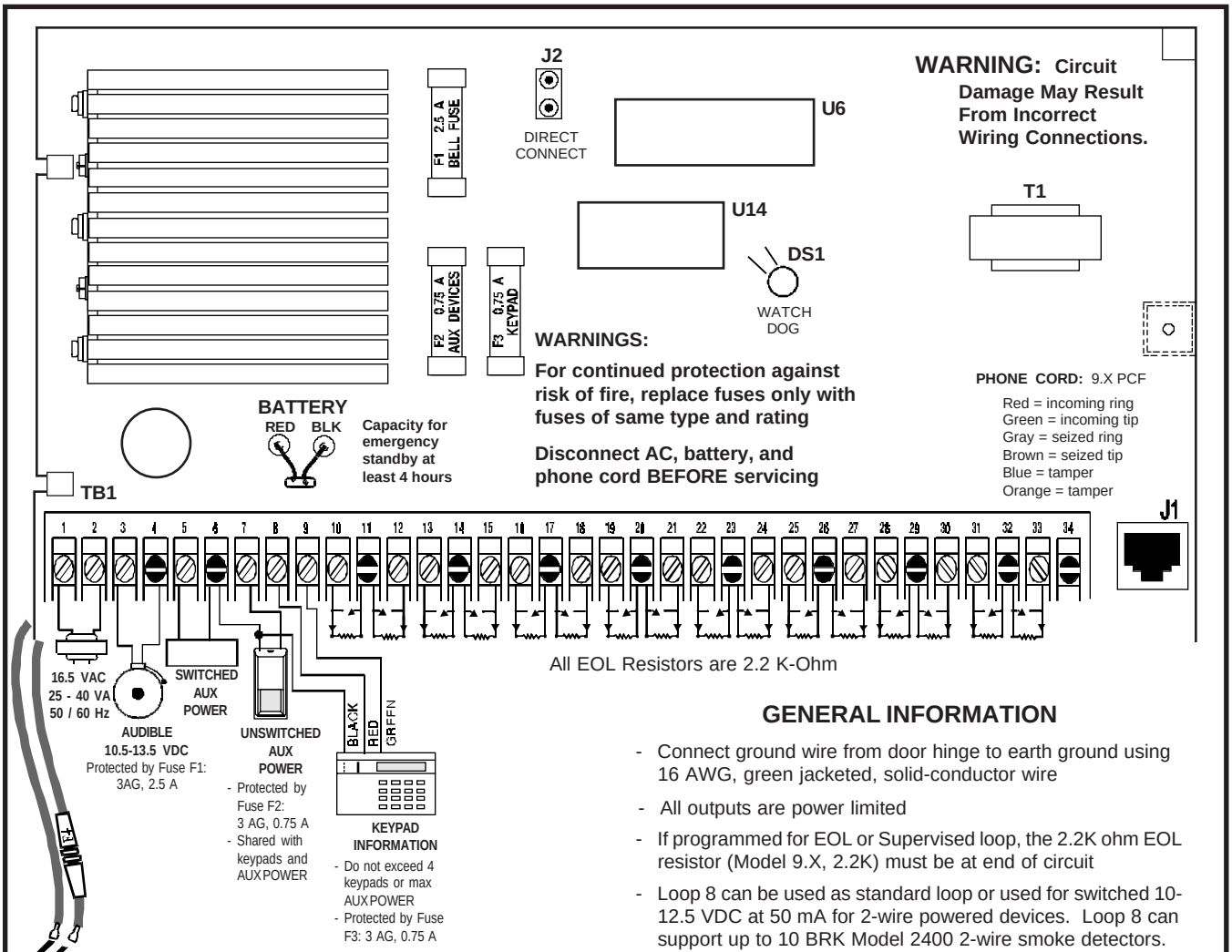
SYSTEM 2316 Installation Manual



All EOL Resistors are 2.2 K-Ohm

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 - 7, 9 - 16	*Loop 8*
0 - 2 VDC = short	0 - 2.5 VDC = short
2 - 3 VDC = normal	2.5 - 8.5 VDC = normal
3 - 5 VDC = open	8.5 - 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 Terminals 5, 7, and 8 **NOT** to exceed 150 mA combined.

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

C&K SYSTEMS

P/N 5-051-238-00 Rev F

www.PDF-Zoo.com