NAPCO | COMMERCIAL
FIREWOLF

Annunciator/Keypad
GEMC-BK1

FEATURES

- Listed per ANSI/UL Standard 864, 9th Edition

- Full English Language Display

- 32-Character Alphanumeric display

- Backlit LCD alphanumeric display

- Microprocessor controlled

- Allows for remote System Control

- Local Piezo sounder

- Displays custom descriptions

DESCRIPTION

The GEMINI 4 wire bus GEMC-BK1 Security keypad features a two-line, 32-character alphanumeric LCD display and is compatible with the NAPCO FIREWOLF and GEMINI Commercial Series Control Panels.

POWER RATINGS

GEMC-BK1 is powered by the Security bus of the GEMC Series motherboard, GEMC-12V2APS or an appropriately rated UL Listed power limited power supply suitable for Security service. Deduct these values from the system standby current, as described in the control panel wiring diagram.

ORDERING INFORMATION

GEMC-BK1: Security Keypad with a two-line, 32-character alphanumeric LCD display for the Gemini Commercial Series (GEMC) System, White

ELECTRICAL RATINGS

Input Power: 12.5 - 7.5VDC, 110mA maximum (120mA when using integral EZM). 35mA if backlighting is disabled (cut jumpers W1, W2 & W3).

AGENCY LISTINGS

- UL1023: Household Burglar Alarm System Units
- UL1610: Central Station Burglar Alarm Units
- Security Industry Association (SIA) False Alarm Reduction Standard CP-01

Output Power:

PGM Output (active low): 5mA, 12V. Wiring to power limited circuits less than 14VDC.

Maximum Wiring Length for each run: (#22AWG): 1000' divided by total number of keypads on run.

GEMC-BK1 supports an integral 4 zone EZM:

Zone Loop Voltage: 12V

Zone Loop Current: 4.7mA nominal, 5.5mA when shorted.

Maximum Zone Loop Resistance: 300 ohms.

2.2K End of line resistor.

Maximum Number of Fire Keypads: 7

Maximum Number of Fire + Burglary Keypads: 15

PHYSICAL

Dimensions: 5⅞" x 4⅜" x 1" (WxHxD)

MOUNTING THE KEYPAD

A keypad should be located near each exit/entry door. To open the case, insert a screwdriver into either slot at the bottom and push up with a slight twisting motion to release the retainer tab. Repeat for the other slot. Pull out at the bottom and lift off the two hooks at the top. The keypad features a handy pull-up reference label (this label must be used in UL installations). Before mounting the keypad onto the wall, push the Sliding Label Plate (with label and felt backing affixed and handle facing forward) down the guides at the rear of the keypad until it snaps into place. Once installed, the Sliding Label Plate cannot be removed without first removing the keypad from the wall. **Note:** If installing onto a double-gang box, insert mounting screws through the two vertical elongated holes on the left side of the case and into the box. If the box is visible when viewed from the front, adjust the keypad vertically and tighten the screws. Then, using hardware suitable for the mounting surface, add one or two screws at the right side of the keypad case directly into the wall to ensure a secure installation. **Note:** *Do not over tighten the screws!* Uneven walls may cause the keypad case to distort.