



333 Bayview Avenue
Amityville, New York 11701
For Sales and Repairs, (800) 645-9445
For Technical Service, (800) 645-9440
Publicly traded on NASDAQ Symbol: NSSC

© NAPCO 2010

GEMC-FK1 KEYPAD DATA SHEET

WI1910 09/10

DESCRIPTION

The GEMINI 4 wire bus GEMC-FK1 keypad is compatible with the NAPCO GEMINI C-Series Control panels. See Installation instructions (WI1653) for more information.

Note: Do not install classic Gemini "RP" series keypads or Gemini "K Series" keypads within a Gemini C-Series system.



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.

Note: INDOOR / DRY LOCATION USE ONLY

WIRING

Connect the keypad wires to the control panel terminals shown in the table below.

| COLOR | TERMINAL | COMMENTS |
|---------|----------|-----------------------------------|
| RED | 18 | |
| BLACK | 19 | |
| GREEN | 20 | |
| YELLOW | 21 | |
| VIOLET* | 13 (+) | Primary interface Trouble sounder |
| WHITE* | 14 (-) | |

* Cut and insulate wire if not used in Supplemental keypads (required for primary user interface).

ELECTRICAL RATINGS

Input Power: 12VDC nominal, 115mA maximum, 35mA if backlighting is disabled (cut jumpers W1, W2 & W3).

Maximum Number of Fire Keypads: 7

Maximum Number of Fire Keypads + Burglary Keypads: 15

POWER RATINGS

GEMC-FK1 is powered by the Fire bus of the GEMC-Series motherboard, GEMC-12V2APS or an appropriately rated UL Listed power limited power supply suitable for Fire alarm service. Deduct these values from the system standby current, as described in the control panel wiring diagram.

MOUNTING THE KEYPAD

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. 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.

If installing onto a double-gang box, insert mounting screws

KEYPAD AS PRIMARY USER INTERFACE

For primary user interface, mount frameable label OI343 adjacent to keypad. For keypad address and option jumpers, see product label.

PHYSICAL

Dimensions: 5 7/8" x 4 3/8" x 1" (WxHxD)

AGENCY LISTINGS

UL864 9th Edition: Commercial Fire

UL985: Household Fire Warning System Units

NFPA 72 National Fire Alarm Code

Security Industry Association (SIA) False Alarm Reduction Standard CP-01

CSFM: California State Fire Marshall (Pending)

FM Approval: (Pending)

NYCFD: NYC Fire Department (Pending)

ORDERING INFORMATION

GEMC-FK1: LCD Fire Keypad for GEMC Combo System, Red.