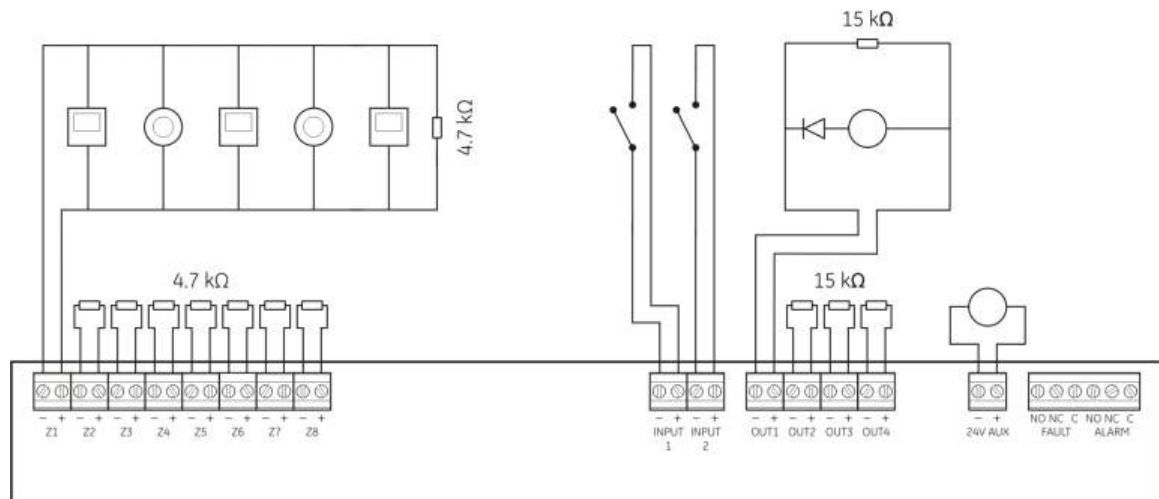


# KFP-CF Series Quick Installation Guide

Figure 1: Zone and device connections



## Overview

This document provides quick installation information for your product. For detailed installation information, including EN 54-13, intrinsically safe, and BS 5839-1 operating mode requirements, see the installation manual.

## Zones and zone devices

Connect zone wires and devices as shown in Figure 1.

### Line resistance

|                          |           |
|--------------------------|-----------|
| Mixed zones              | 40 Ω max. |
| Automatic / manual zones | 55 Ω max. |

### Detectors and manual call points per zone

|                               |             |
|-------------------------------|-------------|
| Kilsen KL700 series detectors | 20 max.     |
| Other detectors               | 32 max. [1] |
| Manual call points            | 32 max. [1] |

[1] Or as defined by local codes and standards

### Manual call point resistance [1]

|             |              |
|-------------|--------------|
| Mixed zone  | 100 Ω        |
| Manual zone | 100 to 680 Ω |

[1] Resistance must be rated at 1 W min.

## Inputs and outputs

The function of inputs and outputs is defined by the operating mode.

### Inputs

|                     |  |            |
|---------------------|--|------------|
| EN 54-2             | Remote reset                                   | Delays off |
| EN 54-2 Evacuation  | Remote reset                                   | Delays off |
| EN 54-2 Scandinavia | Fire routing / extended fire routing delay [1] | Delays off |
| BS 5839-1           | Class change                                   | Delays off |
| NBN S21-100         | Remote reset                                   | Delays off |
| NEN 2535            | Fire routing inhibit delay                     | Delays off |

[1] Four- and eight-zone control panels only.

Input circuits should have a maximum resistance of 100 Ω (including any cable resistance).

### Sounder outputs

|                     |   |
|---------------------|---|
| EN 54-2             | OUT1, OUT2, and OUT3  |
| EN 54-2 Evacuation  | OUT1, OUT2, OUT3, and OUT4  |
| EN 54-2 Scandinavia | OUT1, OUT2, and OUT3  |
| BS 5839-1           | OUT1, OUT2, OUT3, and OUT4  |
| NBN S21-100         | OUT1 and OUT2 (Evacuation sounders)<br>OUT3 and OUT4 (Warning sounders) |
| NEN 2535            | OUT1 and OUT2   |

## Fire routing outputs

|                     |                                   |
|---------------------|-----------------------------------|
| EN 54-2             | OUT4                              |
| EN 54-2 Scandinavia | OUT4                              |
| NEN 2535            | OUT3 (automatic)<br>OUT4 (manual) |

## Mains fuses and batteries

### Mains fuses

|             |              |
|-------------|--------------|
| 110 VAC [1] | T 3.15A 250V |
| 240 VAC     | T 2A 250V    |

[1] See your installation manual for 110 VAC operation requirements.

### Batteries

|                           |                             |
|---------------------------|-----------------------------|
| Two- and four-zone panels | 12 V, 7.2 Ah                |
| Eight-zone panel          | 12 V, 7.2 Ah or 12 V, 12 Ah |

## Basic configuration

### Default configuration

|                  |              |
|------------------|--------------|
| Operating mode   | 01 (EN 54-2) |
| Zone end-of-line | Passive      |
| Zone type        | Mixed        |

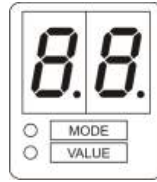
The configuration controls are located on the control panel interface.

### Configuration controls

| Button | Function   |
|--------|--|
| 1      | Scroll to the next configuration menu on the seven-segment display.                          |
| 2      | Scroll to the next configuration value for the active menu on the seven-segment display.     |
| 3      | Scroll to the previous configuration menu on the seven-segment display.                      |
| 4      | Scroll to the previous configuration value for the active menu on the seven-segment display. |
| Enter  | Confirm a menu selection or a value selection entry.   |

The configuration controls are also used to enter the user level password. The seven-segment display is visible when the control panel cover is removed.

## Seven-segment display



| LED   | Indications   |
|-------|---|
| Mode  | Steady: Select a <i>menu</i> using buttons 1 and 3.<br>— or —<br>Flashing: Select a <i>submenu</i> using buttons 1 and 3. |
| Value | Steady: Select a <i>value</i> using buttons 2 and 4.  |

### Basic configuration menu

Selected options from the basic configuration menu are shown below. The default password for basic configuration is 3333.

| Display | Menu                           | Values           |
|---------|--------------------------------|------------------|
|         | Basic default configuration    | 01 to 32         |
|         | Sounder delay                  | 00 to 10 minutes |
|         | Fire routing delay             | 00 to 10 minutes |
|         | Extended fire routing delay    | 00 to 10 minutes |
|         | Restore previous configuration |                  |
|         | Restore factory configuration  |                  |
|         | Exit without saving            |                  |
|         | Exit and save                  |                  |

## Basic default configuration presets

A selected list of basic default configuration presets is shown below. For a detailed list of all available configuration presets and characteristics, see your installation manual.

| Display | Operating mode      | Zone type                                  |
|---------|---------------------|--|
| 01      | EN 54-2             | Mixed                                      |
| 05      | EN 54-2 Evacuation  | Mixed                                      |
| 07      | EN 54-2 Scandinavia | Mixed                                      |
| 11      | BS 5839-1 [1]       | Mixed                                      |
| 21      | NBN S21-100         | Odd zones: Automatic<br>Even zones: Manual |
| 31      | NEN 2535            | Odd zones: Automatic<br>Even zones: Manual |

[1] Requires an active end-of-line device for zone termination.

## Contact information

For contact information, see [firesecurityproducts.com](https://www.firesecurityproducts.com).

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