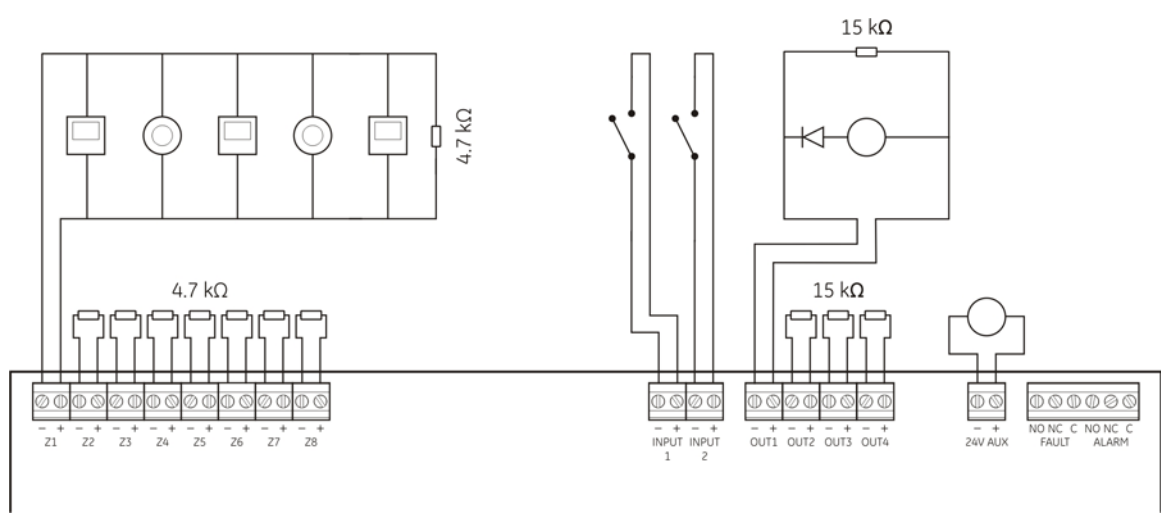


1X-F Series Quick Installation Guide

Figure 1: Zone and device connections



Overview

This document includes quick installation information for your product. For detailed installation information, see the installation manual.

Connecting zones and zone devices

Connect zone wires and devices as shown in Figure 1.

Line resistance

Mixed zone	Max. 40 Ω
Automatic / Manual zones	Max. 55 Ω

Connecting detectors and manual call points

Each zone circuit can support up to 20 or 32 detectors.

Dx700 series detectors	Up to 20 detectors per zone
E6 series detectors	Up to 32 detectors per zone
Z600 series detectors	Up to 32 detectors per zone

The maximum number of manual call points per zone circuit is 32. The resistance required will depend on the zone type. Resistance must be rated at 1 W minimum.

Mixed zone	100 Ω
Manual zone	100 Ω to 680 Ω

Connecting inputs

The function of INPUT1 is defined by the operating mode.

	INPUT1	INPUT2
EN 54-2	Remote reset	Delays off
EN 54-2 Evacuation	Remote reset	Delays off
EN 54-2 Scandinavia	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).

Connecting outputs

Sounder outputs for each operating mode are shown below.

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) OUT3 and OUT4 (Warning sounders)
NEN 2535	OUT1 and OUT2



Fire routing outputs for each operating mode are shown below.

EN 54-2	OUT4
EN 54-2 Scandinavia	OUT4
NEN 2535	OUT3 (automatic) 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 control panels	12V, 7.2 Ah
Eight-zone control panel	12V, 7.2 Ah or 12V, 12 Ah

Basic configuration

Default configuration

The control panel default configuration is shown below.

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

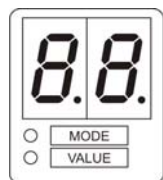
The configuration controls

The configuration controls are located on the control panel interface.

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 access level password.

The seven-segment display



LED	Indications
Mode LED	Select a configuration menu using buttons 1 and 3 when this LED is steady, or select a configuration submenu using buttons 1 and 3 when this LED is flashing.
Value LED	Select a configuration value using buttons 2 and 4 when this LED is steady

The 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

A selected list of operating mode 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	Automatic
31	NEN 2535	Odd zones: Automatic Even zones: Manual

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