

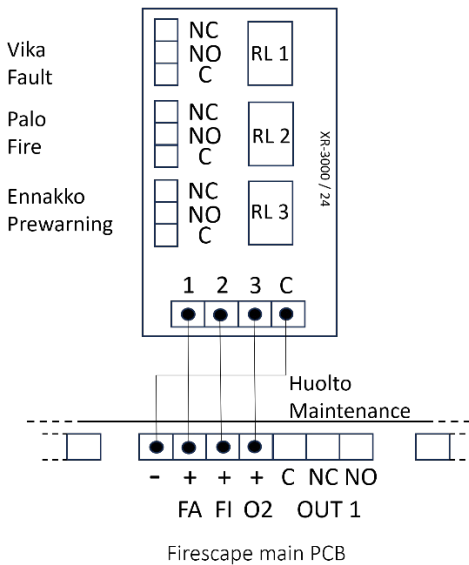
## Forwarding Fire, Fault, Pre-alarm and Maintenance Data to Building Automation System through Relay Contact

### Connecting

To connect, use the following outputs on the motherboard:

- **FA** (fault)
- **FI** (fire)
- **OUT1** (programmable relay output, Output 1)
- **O2** (programmable voltage output, Output 2).

You can use the supplied XR-3000 relay card to convert voltage outputs into potential-free relay contacts.



# Technical Note

## Firescape

TN-Forwarding-Data-to-Building-Automation-through-Relay-Contact-FI | Version 1.0 | 20.10.2023

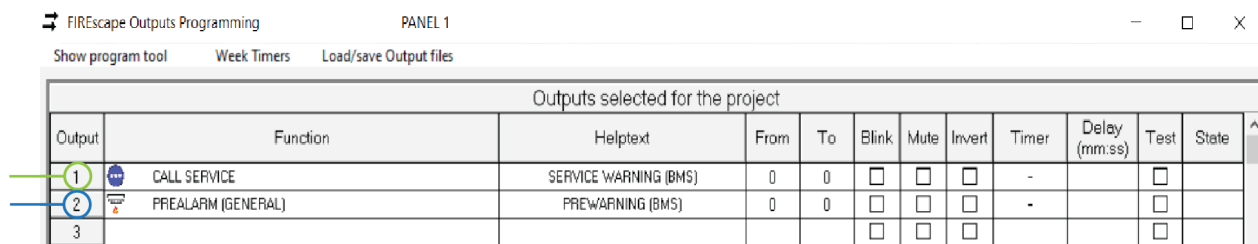
## Programming

### FA and FI

There is no need to program the **FA** (fault) and **FI** (fire) outputs. These outputs follow the disconnections of fire and fault routing.

### OUT 1

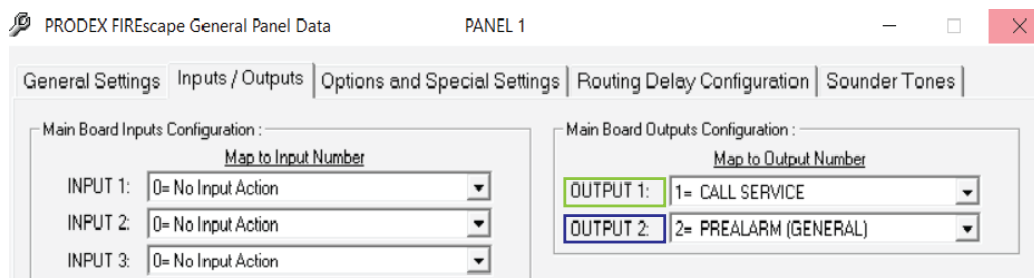
Go to **Panel Settings > Output Configuration** and select the **CALL SERVICE** function on output row ①.



The screenshot shows the 'FIREscape Outputs Programming' window for 'PANEL 1'. It has tabs for 'Show program tool', 'Week Timers', and 'Load/save Output files'. The main table is titled 'Outputs selected for the project' and contains the following data:

Output	Function	Helptext	From	To	Blink	Mute	Invert	Timer	Delay (mm:ss)	Test	State
①	CALL SERVICE	SERVICE WARNING (BMS)	0	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-		<input type="checkbox"/>	
②	PREALARM (GENERAL)	PREWARNING (BMS)	0	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-		<input type="checkbox"/>	
3					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	

Go to **Panel Settings > General Configuration > Inputs / Outputs** and select **1 = CALL SERVICE** for **OUTPUT 1**.



The screenshot shows the 'PRODEX FIREscape General Panel Data' window for 'PANEL 1'. The 'Inputs / Outputs' tab is selected. It contains two sections: 'Main Board Inputs Configuration' and 'Main Board Outputs Configuration'. The 'Main Board Outputs Configuration' section shows the following settings:

Map to Output Number
OUTPUT 1: 1= CALL SERVICE
OUTPUT 2: 2= PREALARM (GENERAL)

### O2

Go to **Panel Settings > Output Configuration** and select the **PREALARM (GENERAL)** function on output row ②.

Go to **Panel Settings > General Configuration > Inputs / Outputs** and select **2 = PREALARM (GENERAL)** for **OUTPUT 2**.

**Note!** Remember to send the data to the panel.