SmartCell

Intelligent Wireless Zone Monitor

Quick Start Guide

Contents

Introduction

This quick start guide will show you how to set up the SmartCell Wireless Zone Monitor (WZM), for connection to either addressable or conventional fire alarm systems. For advanced programming, refer to the 'SmartCell Wireless Zone Monitor Programming Guide' (*MK067)*.

Note: this quick start guide will cover the method of adding devices via power-up. Refer to the programming guide for more information of alternative methods.

Important notes

The installation must conform to applicable local installation codes and should only be installed by a fully trained competent person.

Always select an appropriate device type for the application as per local codes of practice, or as advised by a qualified professional.

The procedures outlined in this installation guide must be carefully followed.

SmartCell devices contain electronics that may be susceptible to damage from Electro Static Discharge (ESD). Take appropriate precautions when handling electronic boards.

To ensure correct operation, products must be used within the specified environmental operating conditions.

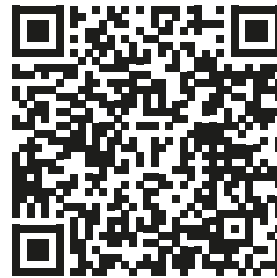   MK349-0001-99 (Issue 1) 22/10/2020 AJM

Additional documentation

The below QR codes provide links to the a wide range of WZM information, including:

- Wireless Zone Monitor Programming Guide (*MK067)*
- Wireless Zone Monitor Installation Guide (*TSD127)*
- Wireless Zone Monitor Datasheet
- Wireless Zone Monitor certification
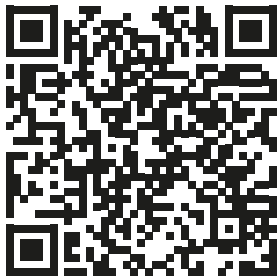
Wireless Zone Monitor
(230 VAC version):

Wireless Zone Monitor
(24 VDC version):

Note: Should you be unable to scan the QR code, visit the following website addresses:

Wireless Zone Monitor (230 VAC version):

https://firesecurityproducts.com/en/product/fire/SC_13_1100_0001_99/83586

Wireless Zone Monitor (24 VDC version):

https://firesecurityproducts.com/en/product/fire/SC_13_2100_0001_99/83591

Overview of system setup

Step 1

Install the SmartCell WZM.

Step 2

Log on devices required for the installation - Smoke detectors, heat detectors, call points, sounders and input / output devices, etc.

Enter device location text.

Note: If devices and zones are not programmed with custom text labelling, default text will be displayed. E.g.

```
Z01 A04          TAMPER
Sounder Detector
ID:001234
                  View>
```

Example device fault with default device text:

Step 3

Change device default settings if required in accordance with local codes of practice, or as professionally advised.

Step 4

Set the WZM to match the connected fire control panel type *(either conventional or addressable).*

Step 5

Configure sounder tones, durations and activation methods.

Step 6

Check all device signal levels are stated as 'GOOD'.

Step 7

Test every device for correct operation, using appropriate test equipment.

Note: sounders may activate upon activation of a wireless device if the 'Sounder activation method' is set to 'Immediate'.
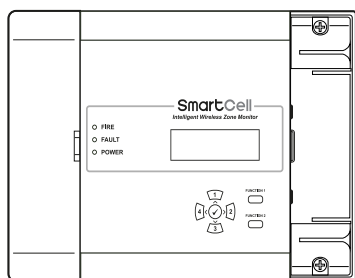
Step 8

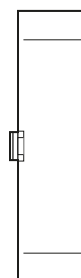Weekly test the system in accordance with local codes of practice.

Step 9

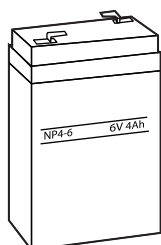Maintain the system in accordance with local codes of practice and manufacturers recommendations.

 MK349-0001-99 (Issue 1) 22/10/2020 AJM
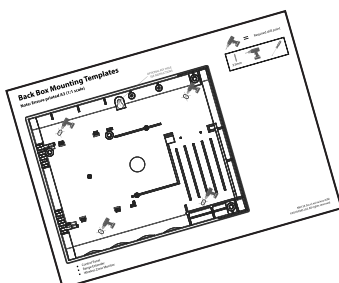
What's in the box

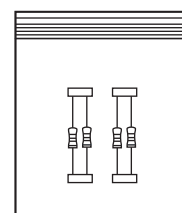

SmartCell
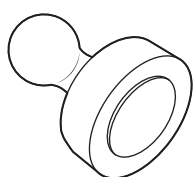WZM

Right hand
side cover

6V 4Ah
battery
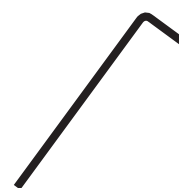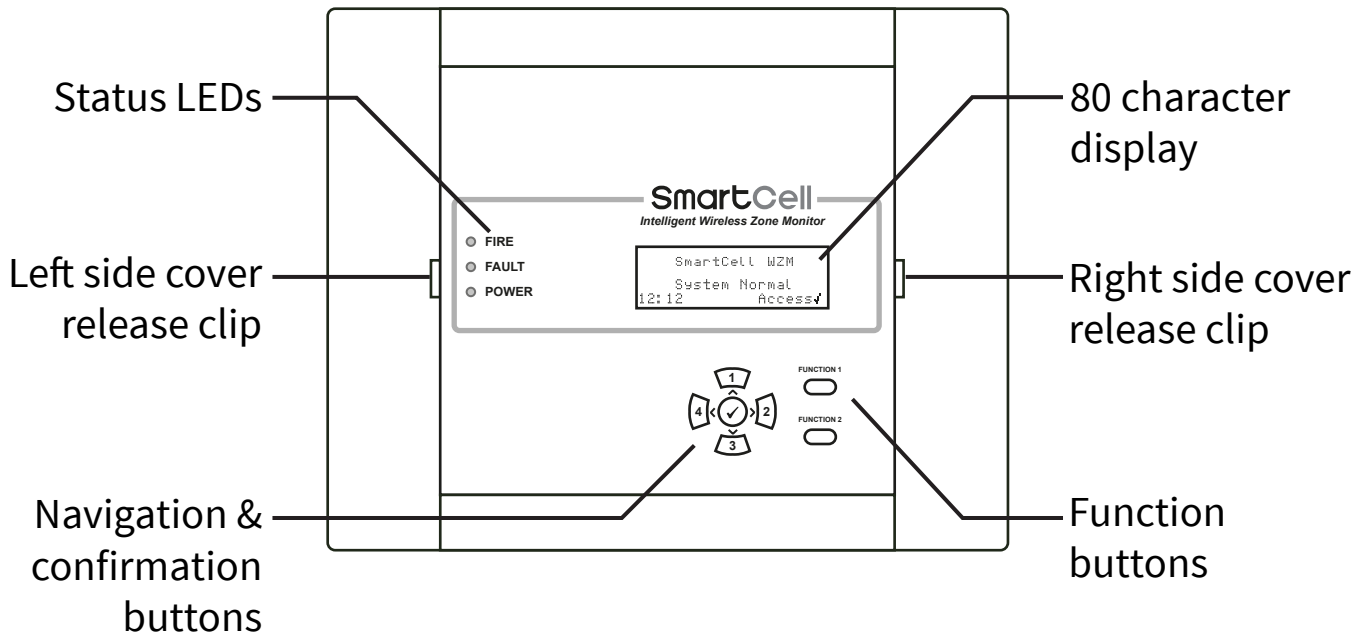

WZM fixing
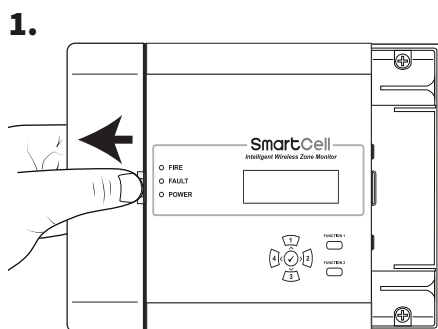template

Resistor
pack

Log on
magnet

Allen
key

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WZM features

Status LEDs

Left side cover release clip

Navigation & confirmation buttons

80 character display

Right side cover release clip

Function buttons

SmartCell
Intelligent Wireless Zone Monitor

FIRE
FAULT
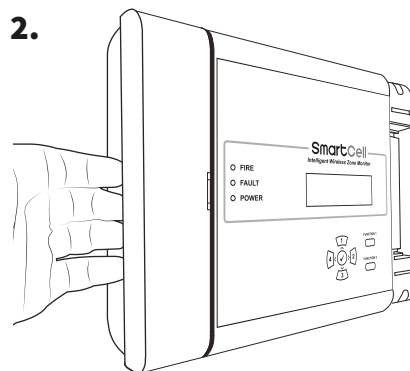POWER

SmartCell WZM
System Normal
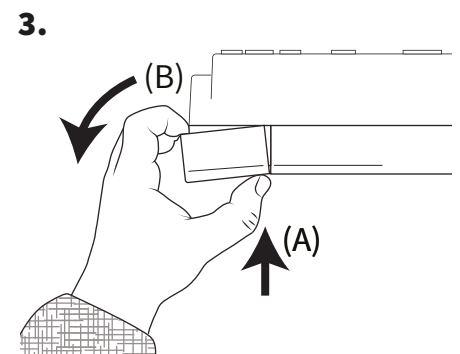12:12   Access√

Side cover removal

The following steps illustrate how to remove the side covers:

1.

Slide the side cover sideways, creating a gap as shown.
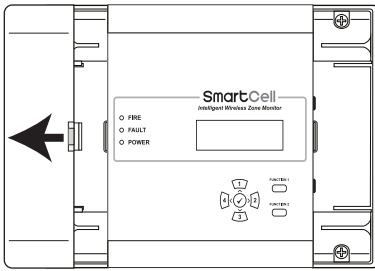
2.

Position your fingers behind the cover's protruding edge.
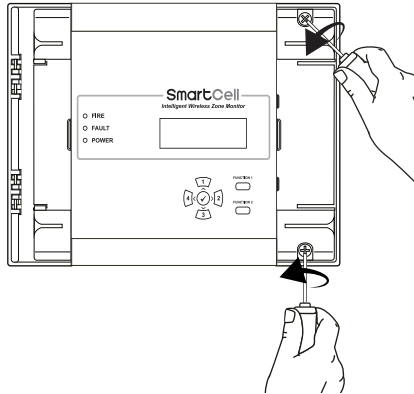
3.

Press the cover's releasing clip with your thumb (A), and simultaneously rotate the side cover anti-clockwise (B), *as viewed overhead* to remove the cover.
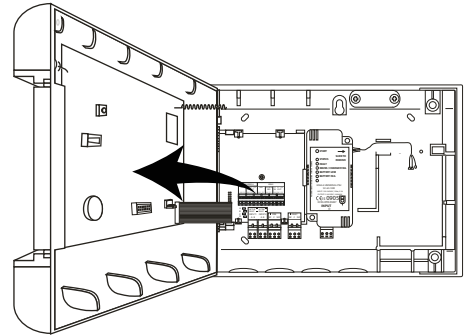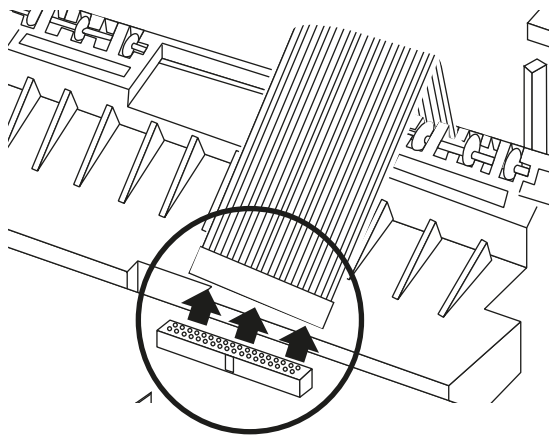
Open WZM

1. Unclip side cover.

Refer to the 'Side cover removal' section *(page 8)* for details.

2. Loosen screws.

3. Open door.

230 VAC variant shown

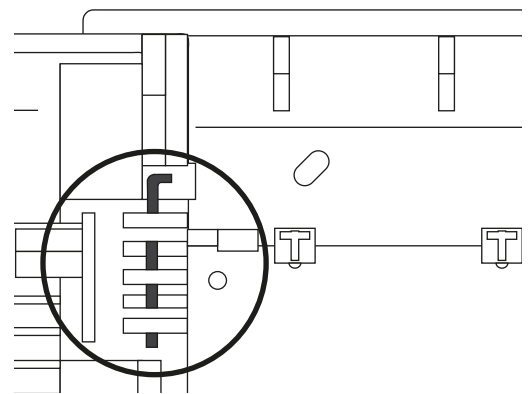# Optional door removal

Disconnect the ribbon cable, then turn and release the door hinges.
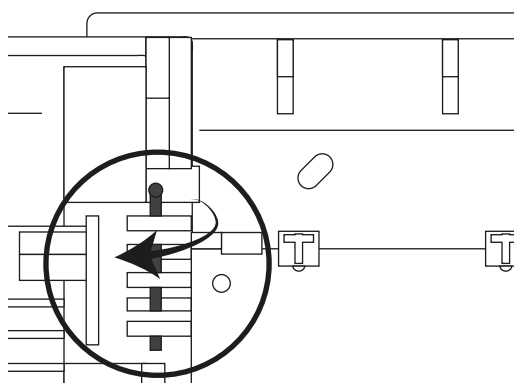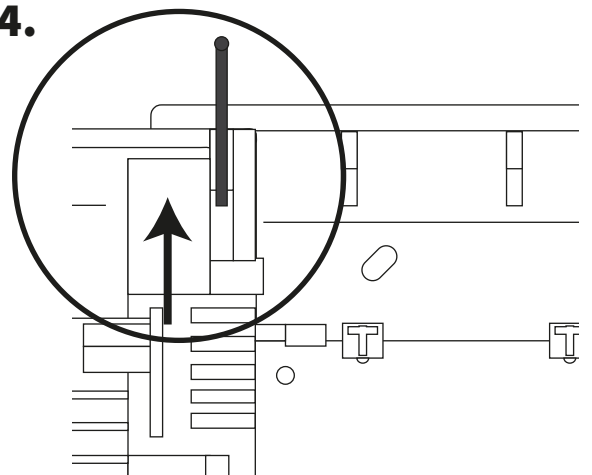
1.

2.

3.

4.

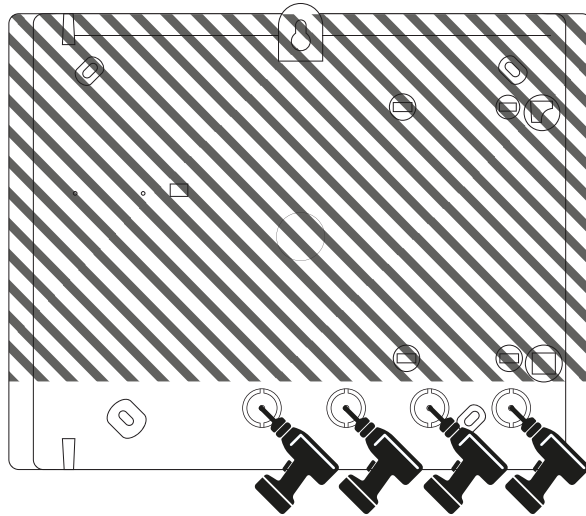# Cable entry

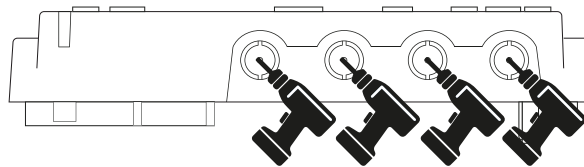Select cable entry points as required, before fitting to the wall.

Rear side view

NO CABLE ACCESS AT THE TOP OF THE UNIT!

= Available entry point
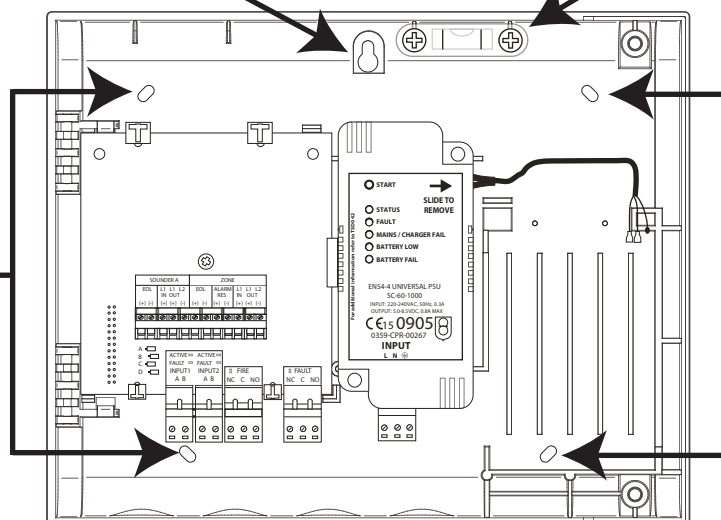
Under side view

# Fix WZM to wall

Key hole

Spirit level

Fixing positions

Fixing positions

⚠️ Note: the supplied back box mounting template can be used to drill the fixing positions.

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Addressable fire system wiring

- SKIP THIS STEP IF CONNECTING TO A CONVENTIONAL FIRE SYSTEM.

- Wire the inputs as shown below, using the resistor pack provided.

- If an input is not being used, leave the 20 kΩ resistor as factory fitted.

- Both outputs are voltage free and rated 30 V @ 1 A.

- The maximum cable length to connected devices is 10 m.
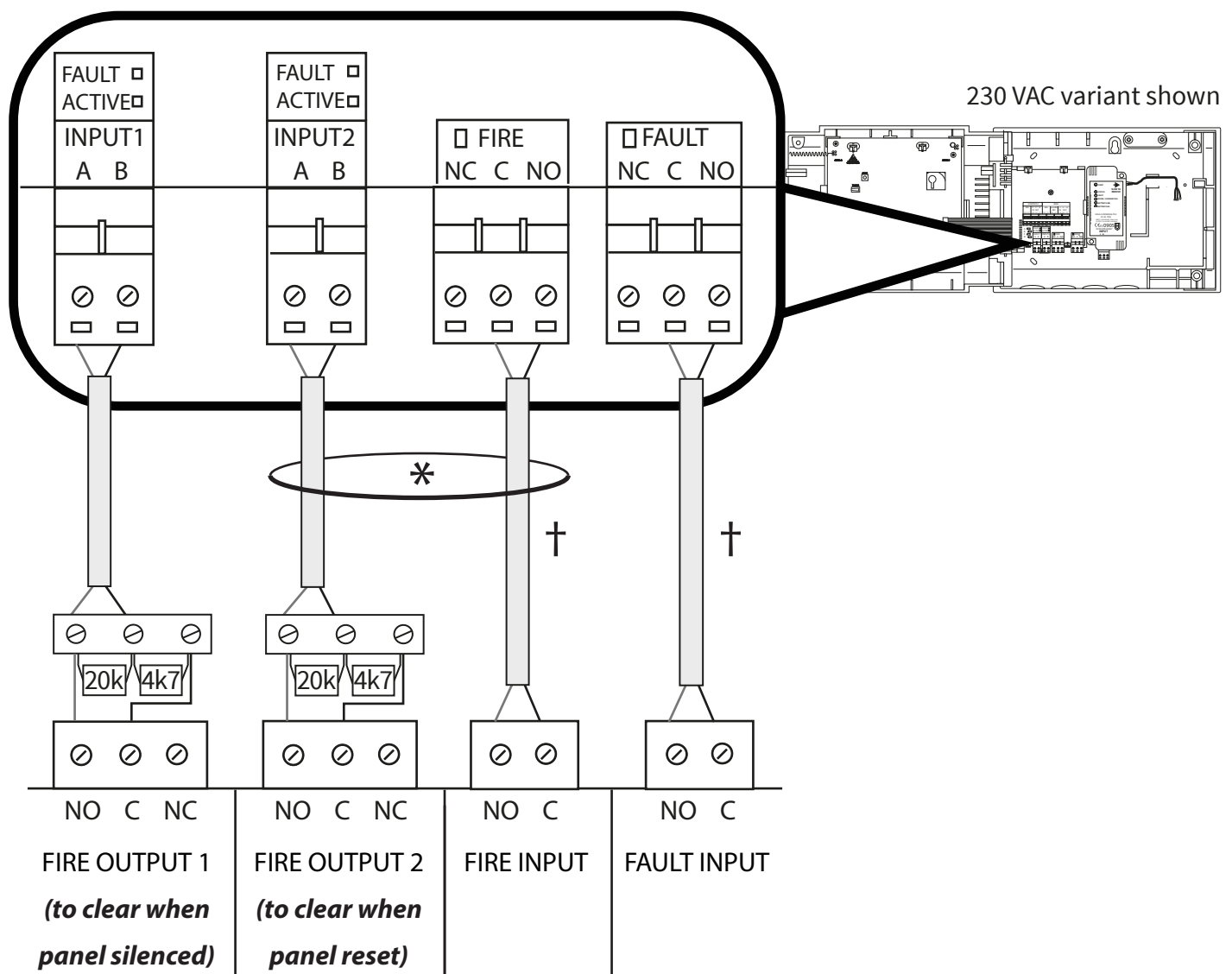
Addressable fire system connections

FOOTNOTES

*   Optional cabling, required only when the following SmartCell devices are added to the WZM; detectors, call points and I/O Units *(I/O units when set to 'Off When Reset')* - see page 31 for details on this feature.

†   Wiring can be normally open or normally closed operation as required.

Conventional fire system wiring

- SKIP THIS STEP IF CONNECTING TO AN ADDRESSABLE FIRE SYSTEM.

- The WZM must be connected to a dedicated zone and sounder output.

- The maximum cable length to connected devices is 10 m.

R1 = Sounder circuit EOL *
R2 = Zone circuit EOL *
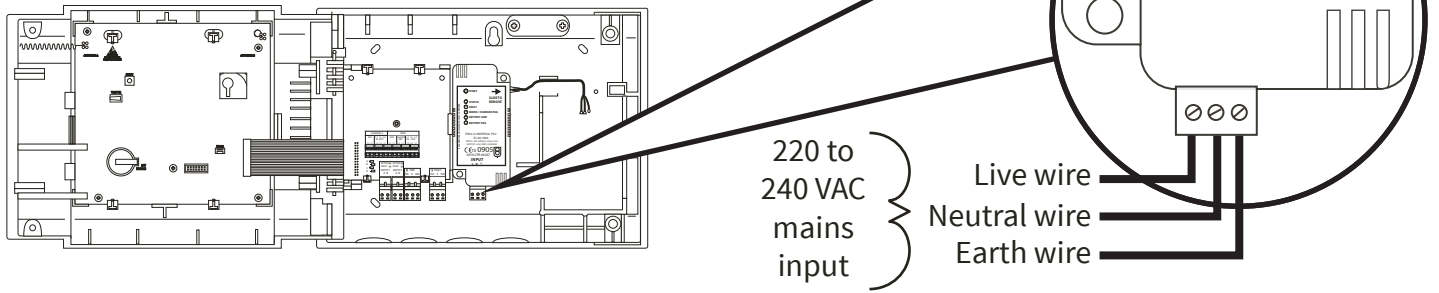R3 = Alarm resistor *
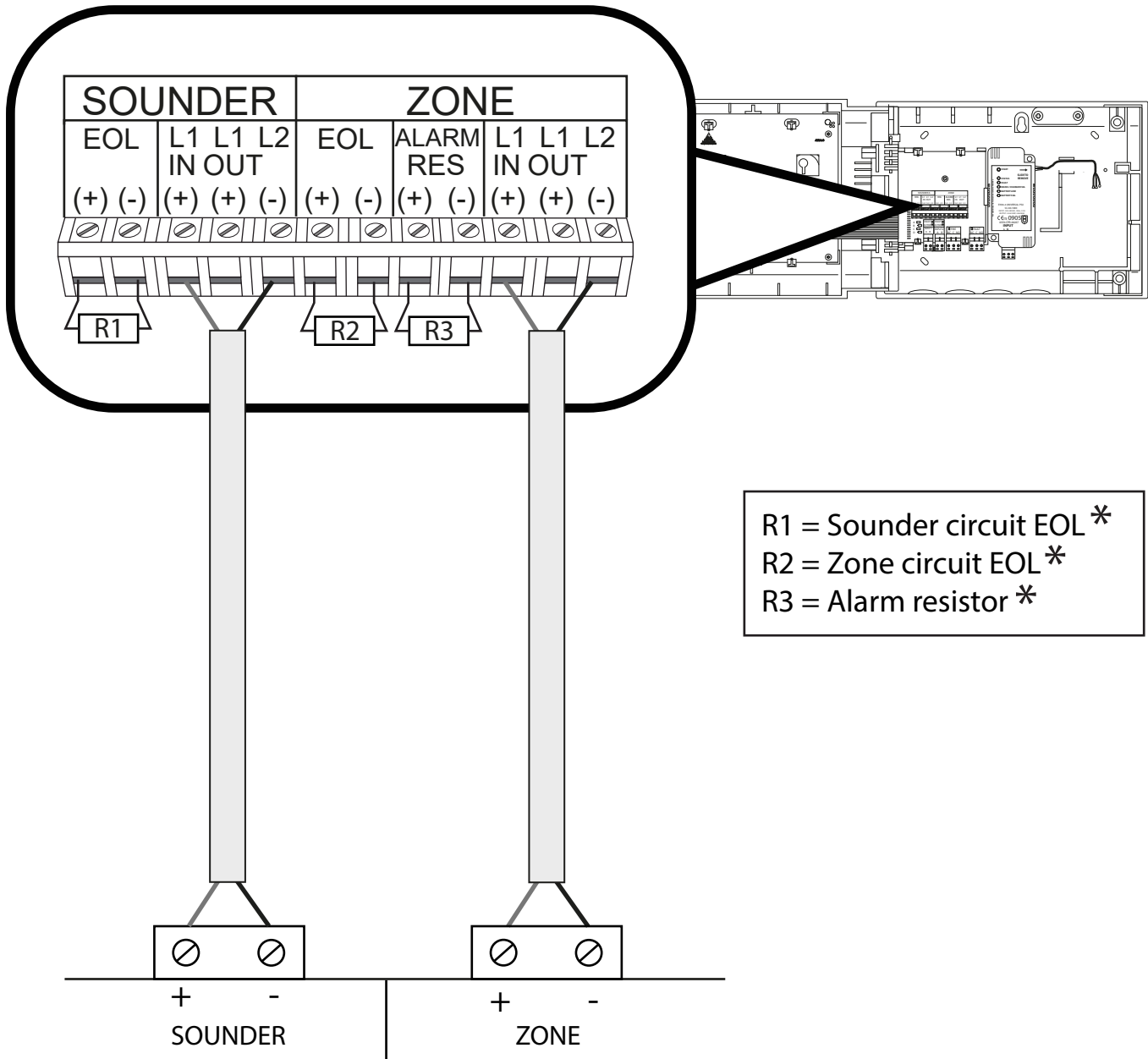
Conventional fire system connections

FOOTNOTES

* Ensure that the manufacturer's specified end of line components and triggering resistors are fitted. See the control panel's instructions for more information.
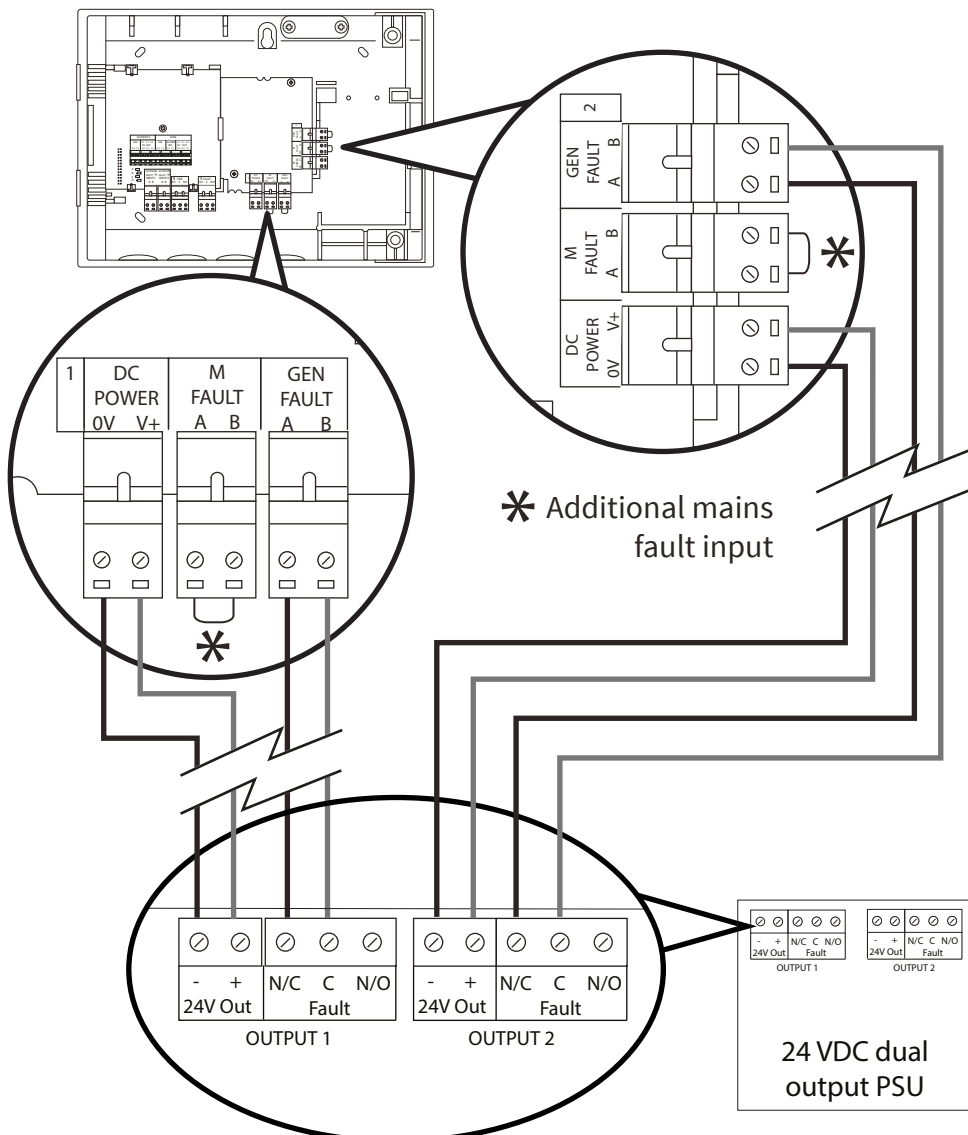
Mains power connections

230 VAC WZMs only.

INPUT
L N

220 to
240 VAC
mains
input

Live wire
Neutral wire
Earth wire

24 VDC power connections

24 VDC WZMs only.
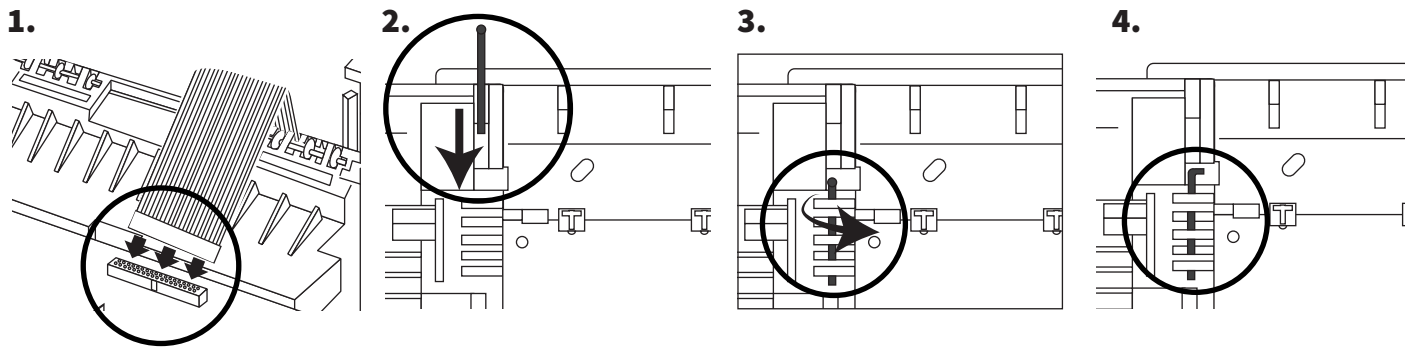
The 24 VDC SmartCell WZM is designed to be powered from 2x 24 VDC power sources, to meet country specific requirements.

2

GEN
FAULT
A B

M
FAULT
A B

DC
POWER
0V V+

* Additional mains fault input

1

DC
POWER
0V V+

M
FAULT
A B

GEN
FAULT
A B

*

- **Connect both power inputs.**

- **There are also general fault inputs (GEN FAULT) and mains fault (M FAULT) available.**

- **The fault inputs are NC and voltage free.**

- **If a fault input (GEN FAULT or M FAULT) is not being used, leave the link as factory fitted.**

-   +
24V Out
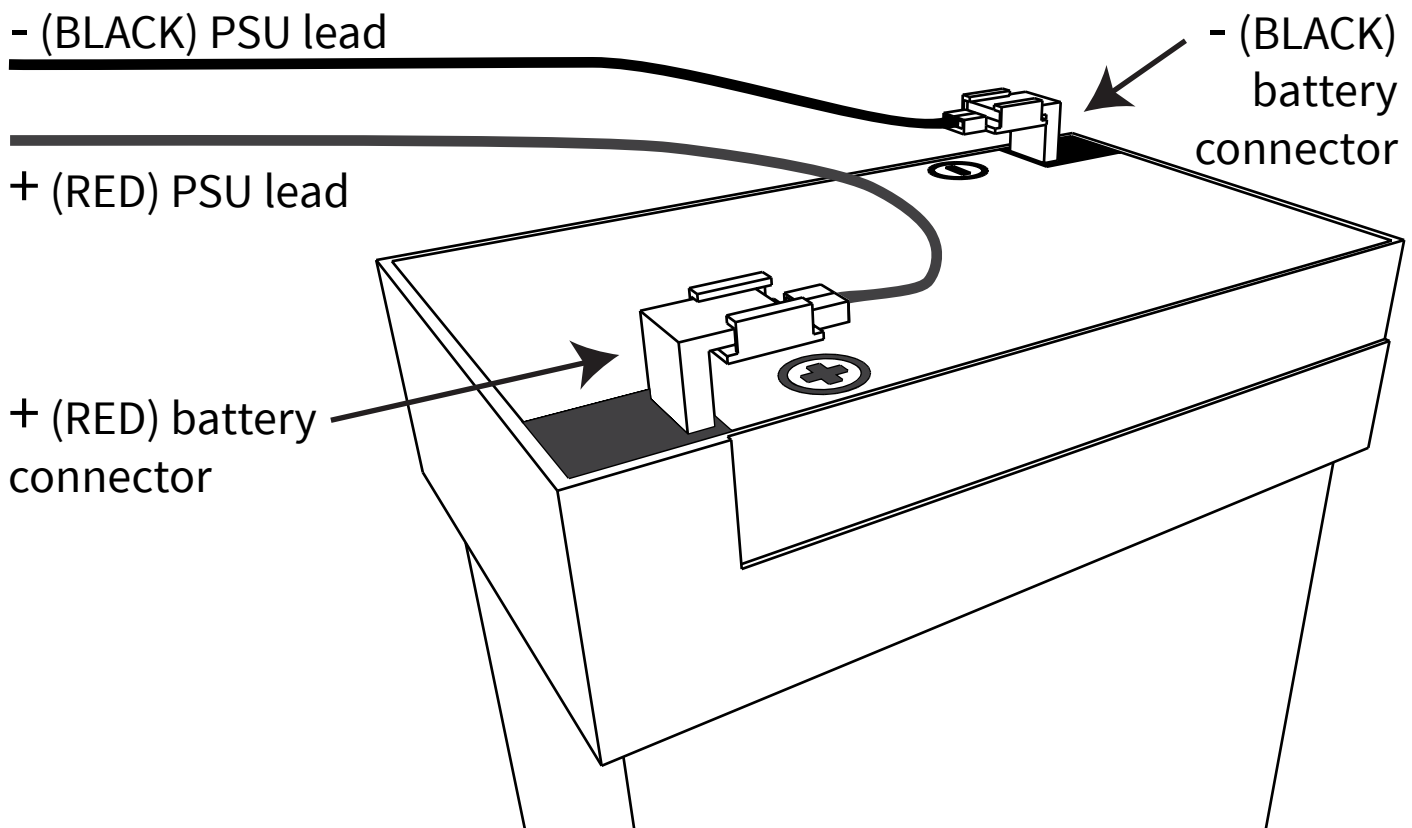
N/C C N/O
Fault

OUTPUT 1

-   +
24V Out

N/C C N/O
Fault

OUTPUT 2

-   +
24V Out

N/C C N/O
Fault

OUTPUT 1

-   +
24V Out

N/C C N/O
Fault

OUTPUT 2

24 VDC dual
output PSU

                   MK349-0001-99 (Issue 1) 22/10/2020 AJM

Re-fit door

Re-connect the ribbon cable and re-fit the door hinges.

1.

2.

3.

4.

Connect backup battery.

230 VAC WZMs only.

⚠️ **Warning**

Observe battery polarity!

- (BLACK) PSU lead

- (BLACK) battery connector

+ (RED) PSU lead

+ (RED) battery connector

               MK349-0001-99 (Issue 1) 22/10/2020 AJM

Remove 3V battery tab.

PULL

BAT ENABLE
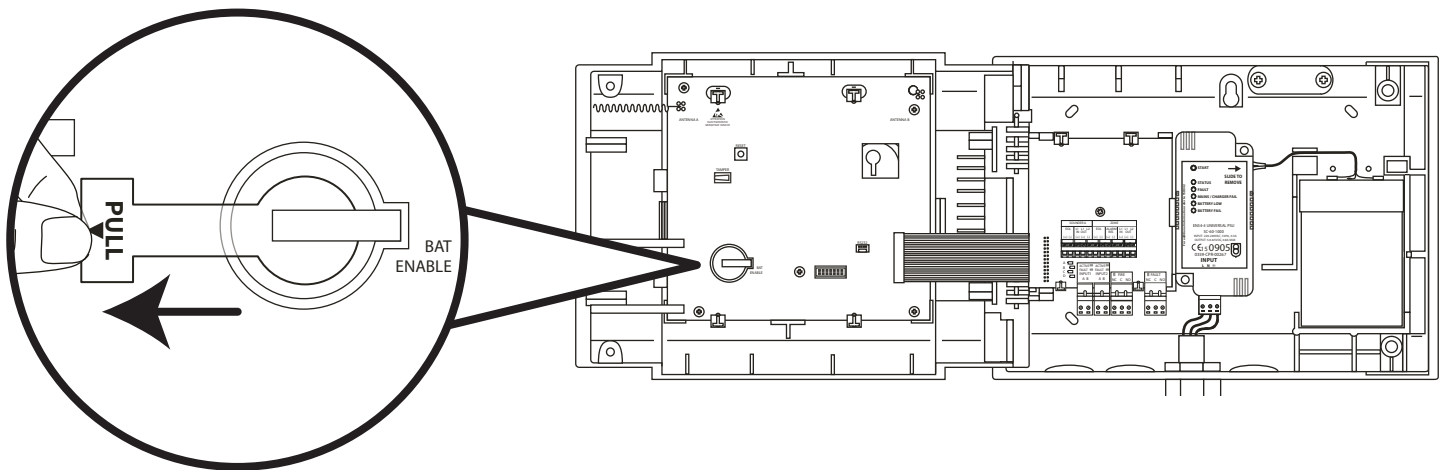
Apply power

The power supply to the WZM can now be switched on.

POWER

SmartCell
Intelligent Wireless Zone Monitor

○ FIRE
○ FAULT
○ POWER

SmartCell WZM
System Normal
01/01/00   Access√

FUNCTION 1
FUNCTION 2

SmartCell WZM

System Normal
01/01/00   Access√
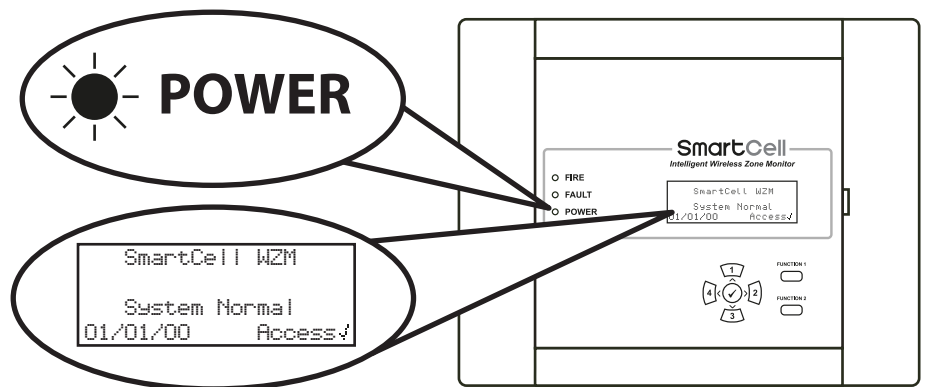
⚠ Note: If mains supply is unavailable at this point, the WZM can be temporarily powered by the back-up battery.

To achieve this, simply press the PSU's 'START' button.

○ START   SLIDE TO REMOVE
○ STATUS
○ FAULT
○ MAINS / CHARGER FAIL
○ BATTERY LOW
○ BATTERY FAIL

○ START   → SLIDE TO REMOVE
○ STATUS
○ FAULT
○ MAINS / CHARGER FAIL
○ BATTERY LOW
○ BATTERY FAIL

EN54-4 UNIVERSAL PSU
SC-60-1000
INPUT: 220-240VAC, 50Hz, 0.3A
OUTPUT: 5.0-8.5VDC, 0.8A MAX

CE15 0905
0359-CPR-00267
INPUT
L N ⏚

                   MK349-0001-99 (Issue 1) 22/10/2020 AJM
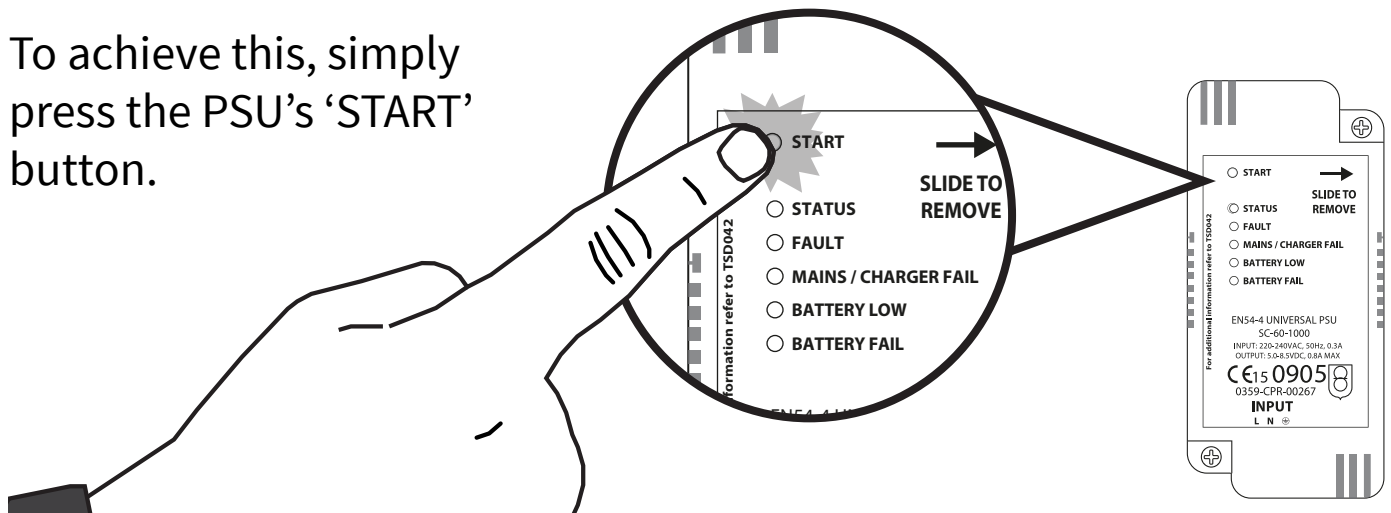
Engineer menu entry

The following steps are required to access the engineer menu *(access level 3)*.

With the SmartCell WZM in its normal state the screen will display:

```
   SmartCell WZM

   System Normal
14:18        Access√
```

Press the ✓ button and the screen will display:

```
For Access
Enter Code:_

Press √ To Complete
```

Enter the engineer PIN code *(default '333333')*, then press the ✓ button to confirm. The screen will display:

```
*  Welcome Service  *
   Access Level 3
   Now Available
 All Buttons Active
```

Followed by:

```
→View System Status
 Maintenance/Test
 Device Options
 WZM Settings      ↕
```

All engineer menus are now available. You can now:

- Set the time & date

- Configure the WZM

- Program devices to the system

- Enter device text

- Configure devices, i.e. device sensitivities, sounder tones etc.

Set time & date

From access level 3 (*as previously shown on page 16*), press the ⟨3⟩ button until the screen displays:

```
*WZM Information
 Language Select
 Factory Access
 Reports           ◇
```

Press the ✓ button and the screen will display:

```
*Edit Users
 WZM Options
 System Options
 Communications    ◇
```

Press the ⟨3⟩ button once. The screen will display:

```
 Edit Users
*WZM Options
 System Options
 Communication     ◇
```

Press the ✓ button and the screen will display:

```
*Set Time & Date
 Lamp/Buzzer Test
 Front Screen Text
 WZM LED Disable   ◇
```

Press the ✓ button and the screen will display:

```
*??:??         TIME
 ??/??/??       DATE
 DD/MM/YY     FORMAT
 Press √ To Select
```

To change the time, press the ✓ button and the screen will display: *The following buttons are required to set the time:*
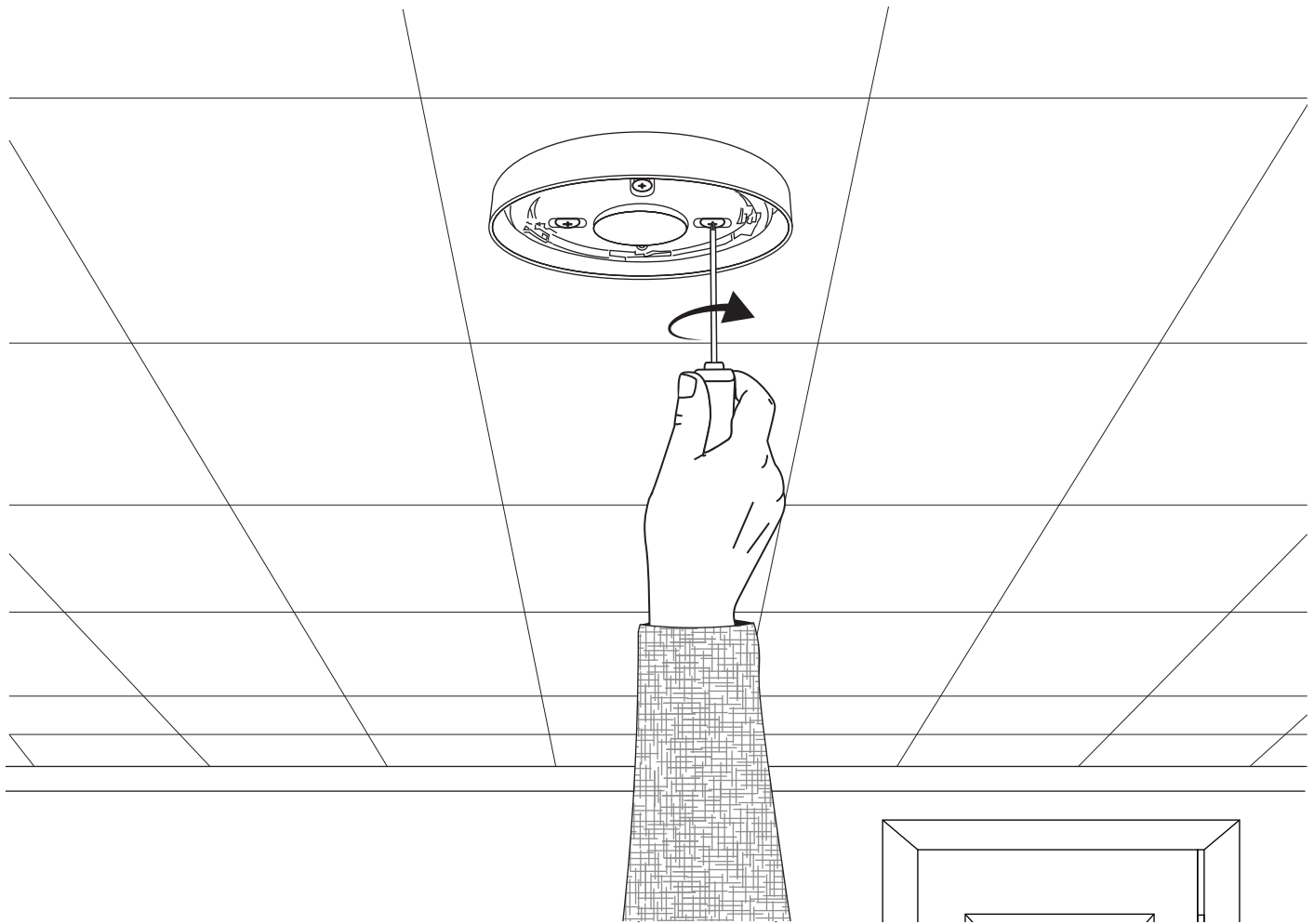
```
*██:??          TIME



 Edit◇     √To Select
```

Button(s)	Action
⟨1⟩ ⟨3⟩	Increases and decreases the selected value.
⟨4⟩ ⟨2⟩	Moves the cursor between the hour and minute selections.
✓	Saves the changes and returns to the previous screen.

⚠ Note: the same process is used for changing the date.

Install devices

Note: Refer to the associated device installation guide for full details.

Add devices to system

From access level 3 (*as previously shown on page 16*), press the ⌊3⌉ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
→WZM Settings        ⬍
```

Press the ✓ button and the screen will display:

```
→Add New Device
 Remove Device
 Edit Settings
 Signal Level Test  ◇
```

Press the ✓ button and the screen will display*:

```
→At WZM
 At Device Location
 Configure Devices

                    ◇
```

Press the ✓ button and the screen will display:

```
    Insert Batteries
       Into Device
          NOW

```

Insert the device's batteries and the screen will change to show:

```
Add Fire Device ?
Sounder Detector
ID:001234
√Add          〈Exit
```

Check that the device ident on-screen matches the device ident shown on the barcode label. Press ✓ to confirm, or ⌊4⌉ to cancel. If accepted, the screen will display:

```
New FIRE
Device Added
ID:001234
          Address 01
```

Followed by:
Either continue adding new devices (by inserting batteries, or press ⌊4⌉ *until the front screen is displayed.*

```
Add Another
Device ?

√Continue      〈Exit
```

* Refer to the 'SmartCell Intelligent Wireless Zone Monitor Programming Guide' (MK067) for alternative programming methods.

Device attributes

From access level 3 (*as previously shown on page 16*), press the ⬡3 button until the screen displays:

```
 View System Status
 Maintenance/Test
⊹Device Options
 WZM Settings        ↕
```

Press the ✓ button and the screen will display:

```
⊹Add New Device
 Remove Device
 Edit Settings
 Signal Level Test  ↕
```

Press the ⬡3 button until the screen displays:

```
 Add New Device
 Remove Device
⊹Edit Settings
 Signal Level Test  ↕
```

Press the ✓ button and the screen will display:

```
A01          ID:001234
Sounder Detector
ID:001234
Devices ↕      Change>
```

Press the ⬡3 button until the device to configure is shown. Press the ✓ button and the screen will display:

```
A03          ID:001236
Sounder Detector
Beacon ID:001236
Devices ↕      Change>
```

Press the ✓ button and the screen will display:

```
⊹Text Description
 Detection-      Dual
 Smoke Sen-    Normal
 Heat Sen-     58C S↕
```

Available options for each device type are shown overleaf.

Menu Selection	Available options
Text Description	Refer to the 'Device location text' section overleaf.
Detection	Detection selection of 'Dual' (smoke & heat), 'Smoke Only' or 'Heat Only'.
Smoke Sen	Smoke sensitivity selection of; 'Normal*†' and 'Normal + AVF'. The AVF option allows additional verification of the alarm condition before reporting.
Heat Sen	Heat sensitivity selection of; '58 °C static*†', '58 °C rate of rise*', '72 °C static*', '72 °C rate of rise*'.
Sound Volume	Allows device sounder levels of; 'High' or 'Low'.
Self Sound	When enabled, the device will sound upon local alarm detection, whilst wireless communication with the WZM is lost.
Audio/Visual ⊞	Allows device sounder and beacon selection of; sounder & beacon, sounder only and beacon only.
O/P 1 OFF	Choose to switch the device's 'Output 1' off, when either the 'silence' or 'reset' button is pressed.
O/P 2 OFF	Choose to switch the device's 'Output 2' off, when either the 'silence' or 'reset' button is pressed.

*Approved EN54 sensitivities   † Default dual sensitivities

               MK349-0001-99 (Issue 1) 22/10/2020 AJM

Device location text

From access level 3 (*as previously shown on page 16*), press the ⬡3 button until the screen displays:

```
┌────────────────────────┐
│ View System Status     │
│ Maintenance/Test       │
│⇨Device Options         │
│ WZM Settings         ◊ │
└────────────────────────┘
```

Press the ✓ button and the screen will display:

```
┌────────────────────────┐
│⇨Add New Device         │
│ Remove Device          │
│ Edit Settings          │
│ Signal Level Test    ◊ │
└────────────────────────┘
```

Press the ⬡3 button until the screen displays:

```
┌────────────────────────┐
│ Add New Device         │
│ Remove Device          │
│⇨Edit Settings          │
│ Signal Level Test    ◊ │
└────────────────────────┘
```

Press the ✓ button and the screen will display the first device logged on to the system:

```
┌────────────────────────┐
│A01          ID:001234  │
│Sounder Detector        │
│ID:001234               │
│Devices◊       Change>  │
└────────────────────────┘
```

Press the ⬡3 button to scroll through the devices until the required device is shown. Press the ✓ button:

```
┌────────────────────────┐
│A02          ID:001235  │
│Dual Detector           │
│ID:001235               │
│Devices◊       Change>  │
└────────────────────────┘
```

Press the ✓ button and the screen will display:

```
┌────────────────────────┐
│⇨Text Description       │
│ Detection-      Dual   │
│ Smoke Sen-    Normal   │
│ Heat Sen-      58C S◊  │
└────────────────────────┘
```

Press the ✓ button and the screen will display:
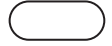
```
┌────────────────────────┐
│■ual Detector           │
│ ID:001235              │
│                        │
│F1 ABC   F2 Delete      │
└────────────────────────┘
```

Refer to the 'Text entry' section overleaf.

Text entry

The following buttons will be required to enter new text descriptions:

Button	Action
1	Moves the selected character through the alphabet (forwards), one character at a time.
3	Moves the selected character through the alphabet (backwards), one character at a time.
4	Moves the cursor (selected character) left, one character at a time.
2	Moves the cursor (selected character) right, one character at a time.
FUNCTION 1	Used to toggle character entry format between; upper case, lower case and number.
FUNCTION 2	Provides a delete function; press for single character deletion, or press and hold to delete all text.
✓	Exits from the current screen. The user is asked whether to save the changes (✓ button for yes and 4 button for no).

Set the panel type

Default panel type is 'Conventional'. If the WZM is to be connected to an addressable type fire panel, follow the steps below:

From access level 3 (*as previously shown on page 16)*, press the ⟨3⟩ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
↓WZM Settings       ↕
```

Press the ✓ button and the screen will display:

```
→Panel Type
 Sounder Options
 Device Indicator
                    ↕
```

ress the ⟨3⟩ button and the screen will display:

```
→Conventional     √
 Addressable


                    ↕
```

Press the ✓ button and the screen will display:

```
 Conventional     √
→Addressable


                    ↕
```

Press the ✓ button and the screen will display:

```
→Addressable Panel
 Selected


```

Sounder tones

The default fire tone is TONE 5. Available tones are shown overleaf. To change the fire tone, follow the steps below:

From access level 3 (*as previously shown on page 16)*, press the ⬦3⬦ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
⇥WZM Settings        ⬦
```

Press the ✓ button and the screen will display:

```
⇥Panel Type
 Sounder Options
 Device Indicator

                     ⬦
```

Press the ⬦3⬦ button until the screen displays:

```
 Panel Type
⇥Sounder Options
 Device Indicator

                     ⬦
```

Press the ✓ button and the screen will display:

```
⇥Default Tone Select
 Sounder Duration
 Sounder Activation
 Pulsed Output       ⬦
```

Press the ✓ button and the screen will display the currently selected tone:

```
⇥Fire Tone -      05



                     ⬦
```

Press the ✓ button and the screen will display:

```
970Hz - 630Hz, @1Hz
   ⎍_⎍_⎍_⎍_
 05
Tone ⬦    √ To Select
```

Press the ⬦1⬦ and ⬦3⬦ buttons to view the available tones and press the ✓ button to select the required tone:

```
800Hz - 970Hz, @1Hz
   ⌐⌐⌐⌐
 03
Tone      √ To Select
```

TONE	TONE TYPE	TONE DESCRIPTION / APPLICATION
1.	————	970Hz
2.	⊓⊔⊓⊔⊓	800Hz/970Hz at 2Hz
3.	/|/|/|	800Hz - 970Hz at 1Hz
4.	— — — —	970Hz 1s OFF / 1s ON
5.	⊓⊔⊓⊔⊓	970Hz, 0.5s / 630Hz at 1 Hz **Default fire tone**
6.	⊓_⊓_	554Hz, 0.1s / 440Hz, 0.4s (AFNOR NF S 32 001)
7.	/| /| /|	500 - 1200Hz, 3.5s / 0.5s OFF (NEN 2575:2000 Dutch slow whoop)
8.	— — — —	420Hz 0.6s ON / 0.6s OFF (Australia AS1670 Alert tone)
9.	/| /| /|	1000 - 2500Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)
10.	⊓⊔⊓⊔⊔	550Hz / 440Hz at 0.5Hz
11.	- - - - - -	970Hz, 0.5s ON / 0.5s OFF x 3 / 1.5s OFF (ISO 8201)
12.	- - - - - -	2850Hz, 0.5s ON / 0.5s OFF x 3 / 1.5s OFF (ISO 8201)
13.	|||\	1200Hz - 500Hz at 1Hz (DIN 33 404)
14.	————	400Hz
15.	⊓⊔⊓⊔⊓⊔	550Hz, 0.7s / 1000Hz, 0.33s
16.	/\/\/\	1500Hz - 2700Hz at 3Hz
17.	————	750Hz
18.	————	2400Hz
19.	————	660Hz
20.	— — — —	660Hz 1.8s ON / 1.8s OFF
21.	— — — —	660Hz 0.15s ON / 0.15s OFF
22.	⊓⊔⊓⊔⊔	510Hz, 0.2s / 610Hz, 0.2s
23.	⊓⊔⊓⊔⊓	800 / 1000Hz 0.5s each (1Hz)
24.	/\/\/\	250Hz - 1200Hz at 12Hz
25.	/\/\	500Hz - 1200Hz at 0.33Hz
26.	/\/\/\	2400Hz - 2900Hz at 9Hz **Default information tone**
27.	/\/\/\	2400Hz - 2900Hz at 3Hz
28.	/| /| /|	500 - 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation)
29.	/\/\/\	800Hz - 970Hz at 9Hz
30.	/\/\/\	800Hz - 970Hz at 3Hz
31.	— —	800Hz, 0.25s ON / 1s OFF
32.	/| /| /|	500Hz - 1200Hz, 3.75s / 0.25s OFF (AS2220)

Note: Tones 1, 4, 5 and 7 are EN54-3 approved tones.

Sounder duration

As default, wireless sounders will automatically switch off after 30 minutes to conserve battery life. For continuous uninterrupted operation (until switched off by the control panel), follow the steps below.

From access level 3 (*as previously shown on page 16)*, press the ⬡3 button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
⇥WZM Settings        ⬍
```

Press the ✓ button and the screen will display:

```
⇥Panel Type
 Sounder Options
 Device Indicator

                     ⬍
```

Press the ⬡3 button until the screen will displays:

```
 Panel Type
⇥Sounder Options
 Device Indicator

                     ⬍
```

Press the ✓ button and the screen will display:

```
⇥Default Tone Select
 Sounder Duration
 Sounder Activation
 Pulsed Output       ⬍
```

Press the ⬡3 button until the screen will displays:

```
 Default Tone Select
⇥Sounder Duration
 Sounder Activation
 Pulsed Output
```

Press the ✓ button and the screen will display:

```
⇥30 Mins Auto Off   ✓
 Continuous

                     ⬍
```

Press the ⬡3 button until the screen will displays:

```
 30 Mins Auto Off   ✓
⇥Continuous

                     ⬍
```

Press the ✓ button and the screen will display:

```
 Sounder Duration
 Set To
 Continuous
```

Sounder activation method

As default, wireless sounders will only operate upon activation of the WZM's fire input. For 'immediate mode', so that sounders also operate upon the activation of a wireless device, follow the steps below.

From access level 3 (*as previously shown on page 16)*, press the ⟨3⟩ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
⇢WZM Settings      ↕
```

Press the ⟨✓⟩ button and the screen will display:

```
⇢Panel Type
 Sounder Options
 Device Indicator

                   ↕
```

Press the ⟨3⟩ button until the screen will displays:

```
 Panel Type
⇢Sounder Options
 Device Indicator

                   ↕
```

Press the ⟨✓⟩ button and the screen will display:

```
⇢Default Tone Select
 Sounder Duration
 Sounder Activation
 Pulsed Output     ↕
```

Press the ⟨3⟩ button until the screen will displays:

```
 Default Tone Select
 Sounder Duration
⇢Sounder Activation
 Pulsed Output
```

Press the ⟨✓⟩ button and the screen will display:

```
⇢Panel Mode        √
 Immediate Mode


                   ↕
```

Press the ⟨3⟩ button until the screen will displays:

```
 Panel Mode        √
⇢Immediate Mode


                   ↕
```

Press the ⟨✓⟩ button and the screen will display:

```
 Sounder Activation
 Set To
 Immediate Mode
```

Pulsed output

As default the PULSED OUTPUT for the fire and the fault relays is set to latched. Upon an activation, the relay will remain latched in alarm until the WZM is reset. To alternatively pulse into alarm for a pre-defined period of time (range from 5-60 seconds) before automatically clearing, follow the steps below.

From access level 3 (*as previously shown on page 16*), press the ⟨3⟩ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
+WZM Settings        ◊
```

Press the ✓ button and the screen will display:

```
+Panel Type
 Sounder Options
 Device Indicator

                     ◊
```

Press the ⟨3⟩ button until the screen will displays:

```
 Panel Type
+Sounder Options
 Device Indicator

                     ◊
```

Press the ✓ button and the screen will display:

```
+Default Tone Select
 Sounder Duration
 Sounder Activation
 Pulsed Output       ◊
```

Press the ⟨3⟩ button until the screen will displays:

```
 Default Tone Select
 Sounder Duration
 Sounder Activation
+Pulsed Output
```

Press the ✓ button and the screen will display:

```
+Fire Relay-  LATCH
 Fault Relay- LATCH

                     ◊
```

Press the ⟨1⟩ and ⟨3⟩ buttons, until the screen displays the required relay type: In this example, the fault relay has been chosen.

```
 Fire Relay-  LATCH
+Fault Relay- LATCH

                     ◊
```

Press the ✓ button and the screen will display:

```
Fault Relay

  00 LATCH
Secs ◇ √ To Select
```

Press the 1 and 3 buttons, until the required time is displayed:
In this example, 20 seconds has been chosen.

```
Fault Relay

  20 Seconds
Secs ◇ √ To Select
```

Press the ✓ button and the screen will display:

Note: the same options are available for the fire and fault relays.

```
 Fire Relay-  LATCH
→Fault Relay- 15


                    ◇
```

Device indicator operation

This feature is only available when the 'Panel Type' is set to 'Addressable'. As default, the device LED indicators are switched 'Off When Silenced' (upon receipt of a silence command signal from the control panel). Alternatively 'Off When Reset' can be selected (where the device LED indicators switch off upon the receipt of a reset command signal from the control panel, by following the steps below.

From access level 3 (*as previously shown on page 16)*, press the ⬢³ button until the screen displays:

```
 View System Status
 Maintenance/Test
 Device Options
→WZM Settings        ⬍
```

Press the ✓ button and the screen will display:

```
→Panel Type
 Sounder Options
 Device Indicator

                     ⬍
```

Press the ⬢³ button until the screen will displays:

```
 Panel Type
 Sounder Options
→Device Indicator

                     ⬍
```

Press the ✓ button and the screen will display:

```
→Off When Silenced √
 Off When Reset


                     ⬍
```

Press the ⬢³ button until the screen will displays:

```
 Off When Silenced √
→Off When Reset


                     ⬍
```

Press the ✓ button and the screen will display:

```
Fire Status
Turned Off
When Reset

```

Device signal levels

From access level 3 (*as previously shown on page 16)*, press the ⟨3⟩ button until the screen displays:

```
 View System Status
→Maintenance/Test
 Device Options
 WZM Settings        ⇕
```

Press the ✓ button and the screen will display:

```
→Sounder.O/P Test
 Device Signal List
 Device Battery List
 Edit Service Code
```

Press the ⟨3⟩ button until the screen displays:

```
 Sounder.O/P Test
→Device Signal List
 Device Battery List
 Edit Service Code
```

Press the ✓ button and the screen will display:

```
→Good Signal       08
 Low Signal        00
 No Signal         00
                More>
```

Press the ⟨1⟩ & ⟨3⟩ buttons to highlight the required signal category.

```
→Good Signal       08
 Low Signal        00
 No Signal         00
                More>
```

Press the ✓ button to select the required category and the device signals can be viewed, by pressing the ⟨1⟩ & ⟨3⟩ buttons.

```
Z01 A08          80dB
Dual Detector
First Floor Landing
GOOD Signal   ▁▂▃▅▆█ ⇕
```

⚠ Note: It is important that all devices have GOOD signal levels to ensure the maximum robustness of wireless signalling.

If a device does not achieve a good signal level, for further guidance refer to the 'How to improve device signal levels' section within the SmartCell WZM Programming Guide (MK067).

Test devices

Every device should be function tested, to ensure correct functionality.
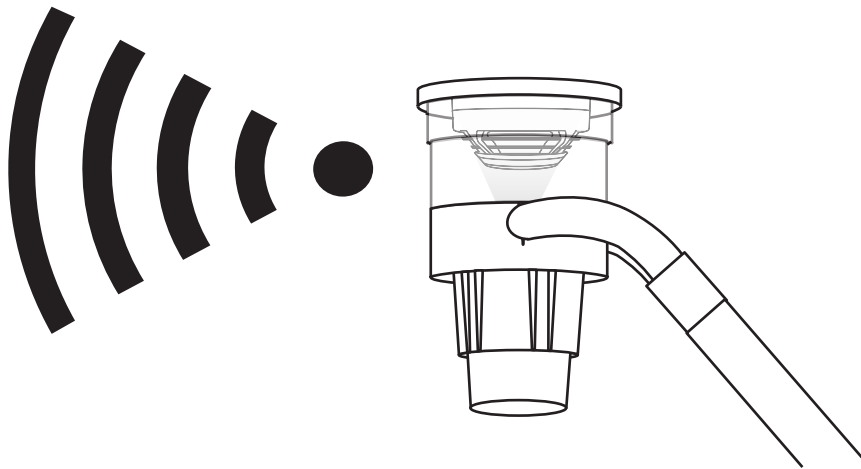
- Smoke detectors should be tested using a smoke detector tester and in accordance with local codes of practice.

- Heat detectors should be tested using a heat detector tester and in accordance with local codes of practice.

- Call Points should be tested in accordance with local codes of practice.

- Sounder operation should also be tested in accordance with local codes of practice.

- Input / Output devices should also be tested in conjunction with associated 3rd party equipment and in accordance with local codes of practice.

See overleaf for additional WZM testing features.

       MK349-0001-99 (Issue 1) 22/10/2020 AJM

Congratulations

Your SmartCell WZM should now be successfully installed.

Notes

 MK349-0001-99 (Issue 1) 22/10/2020 AJM

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         MK349-0001-99 (Issue 1) 22/10/2020 AJM