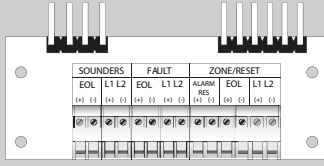


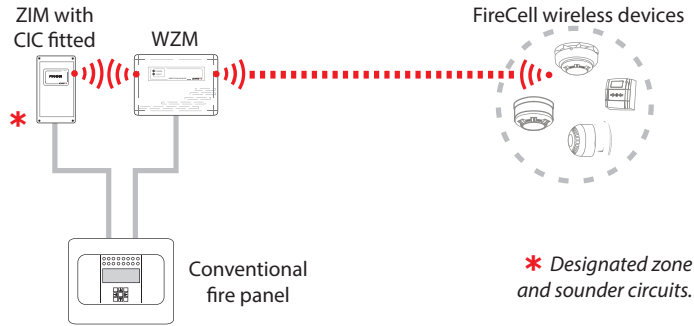
Conventional Interface Card (CIC)

Installation Guide



1 Pre installation

When fitted to the zone interface module (ZIM), the conventional interface card (CIC) enables 30 FireCell wireless devices to be added to an existing conventional fire panel, via a wireless zone monitor (WZM).



2 Pre installation

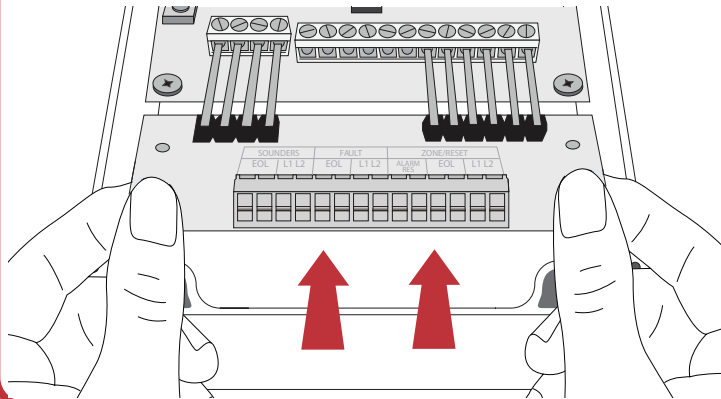


Installation must conform to applicable local installation codes and should only be installed by a fully trained competent person.

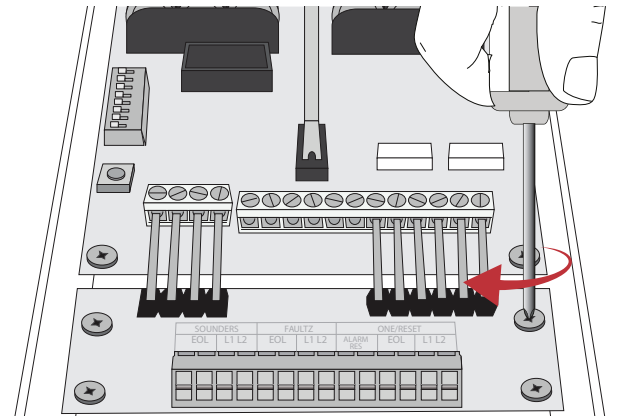
- Only fit the CIC to the zone interface module (ZIM), when connecting to a conventional fire panel.
- The CIC should only be connected to designated zone and sounder circuits.
- Refer to the EMS wireless zone monitor engineers guide (TSD143) for full programming information.
- Refer to the conventional control panel compatibility document (MK58) for details of compatible conventional fire alarm panels.
- This device contains electronics that may be susceptible to damage from Electrostatic Discharge (ESD). Take appropriate precautions when handling electronic boards.

3 Connect CIC to the ZIM

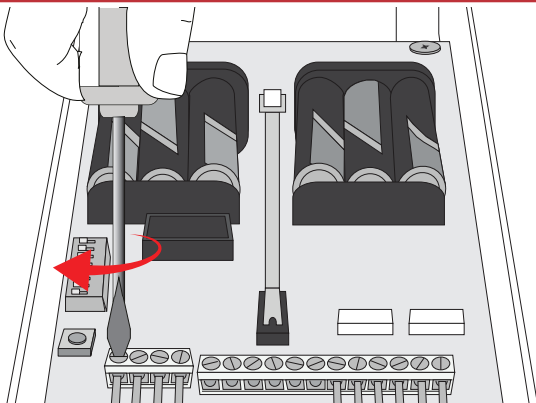
Ensure the pins line up with the ZIM's terminal connections as shown.



4 Fasten the CIC PCB into the ZIM



5 Fasten the ZIM's terminals



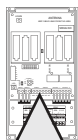
6 Connection wiring

- The CIC can be wired in two different ways.
- Fault notification can either be monitored via the conventional fire panel's sounder or zone circuit.
- See overleaf for the alternative wiring methods.

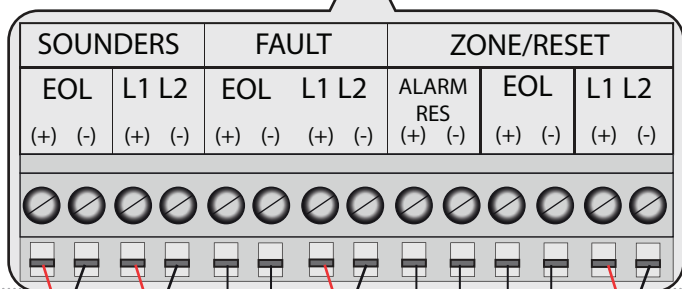
6 Connection wiring continued

Option 1

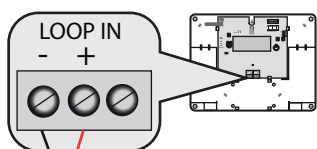
Wired to provide fault notification on the conventional fire panel's SOUNDER CIRCUIT



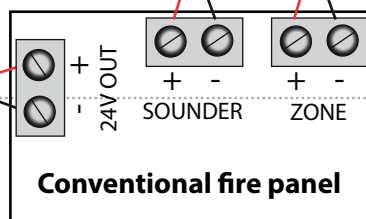
Zone interface monitor (ZIM) with conventional interface card (CIC) fitted



- 1 = Sounder circuit EOL resistor
- 2 = Alarm triggering resistor
- 3 = Zone circuit EOL resistor



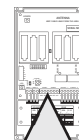
Wireless zone monitor (WZM)



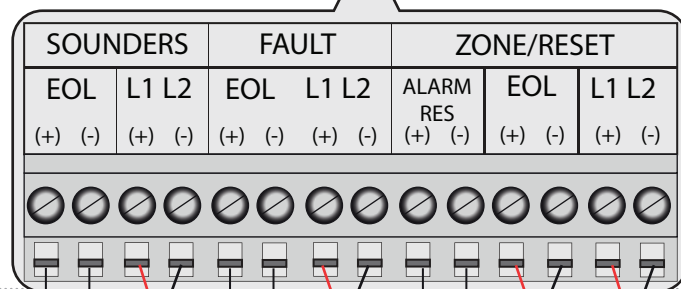
6 Connection wiring continued

Option 2

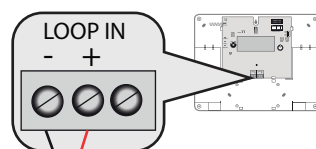
Wired to provide fault notification on the conventional fire panel's ZONE CIRCUIT



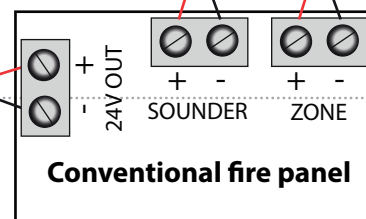
Zone interface monitor (ZIM) with conventional interface card (CIC) fitted



- 1 = Sounder circuit EOL resistor
- 2 = Zone circuit EOL resistor
- 3 = Alarm triggering resistor



Wireless zone monitor (WZM)



Specification

Operating temperature	-10 to +55 °C
Storage temperature	5 to 30 °C
Humidity	0 to 95% non-condensing
Supply	Powered from the zone interface monitor
Current drawn from connected panel (max.)	6 mA
Voltage (max.)	50 VDC
IP rating	IP65 (when fitted inside zone interface monitor)
Dimensions (W x H x D)	120 x 240 x 60 mm
Weight	0.95 kg
Location	Type A: For indoor use

Regulatory information

Manufacturer	Carrier Manufacturing Poland Sp. z o.o. Ul. Kolejowa 24. 39-100 Ropczyce, Poland
Year of manufacture	See devices serial number label
Certification	CE 14
Certification body	0905
CPR DoP	0359-CPR-00436
Approved to	EN54-18:2005. Fire detection and fire alarm systems. Part 18:Input/output devices.
European Union Directives	EMS declares that this device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.emsgroup.co.uk



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see www.recyclethis.info

Dispose of your batteries in an environmentally friendly manner according to your local regulations.