CIU872
Micro Zone Monitor Units

Features
• Soft addressed
• Integral short circuit isolator
• Single address
• Accepts a zone of up to 20 Eaton conventional detectors
• Input monitored for open, short circuit and earth contact faults
• Active end of line monitoring

Benefits
• Quick and simple to install
• No hard addressing required (Plug and play)
• Compact size
• Easy to expand a system using existing wiring
• No external power supply required

An extensive range of micro interfaces are available to support the Eaton range of control panels, providing solutions for most design requirements.

The CIU872 is a single zone input, soft addressed, micro interface, incorporating integral short circuit isolators.

It is fully compatible with the current range of Eaton intelligent addressable control panels.

It is suitable for interfacing a zone of up to 20 conventional Eaton detectors onto a Eaton intelligent addressable control panel.

It will operate with any Eaton conventional detector in configuration with a schottky diode type base (CDBB300).
**Technical Specification**

**Code**

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**Standards**

EN54 Pt17 & Pt18

**Specification**

**Operating Voltage**

18.5V dc to 30V dc

**Quiescent Current**

2.6mA (nom)

**Load With 20 Detectors, and Unlimited Callpoints**

3.2mA (nom)

**Alarm Load With 20 Detectors, and Unlimited Callpoints**

8.0mA (nom)

**Detector Zone**

Detectors per Zone: 20 (max)

End of Line Monitor: Active end of line unit - EOLM-1

**Fire Input Trigger Resistance**

680Ω (nom)

**Short Circuit Fault Threshold Resistance**

100Ω (max)

**Open Circuit Fault Threshold Resistance**

39KΩ (min)

**Environmental**

Operating Temperature: -10°C to +60°C

Humidity (non condensing): 0 to 95% RH

**Physical**

Construction: PC/ABS

Dimensions (H x W x D): 63mm x 35mm x 18.5mm

Weight: 0.28kg

Ingress Protection: IP40

**Compatibility**

Suitable for use with Eaton Intelligent Addressable Fire Systems

Recommended loop/cable: FireTuff, FP200, MICC

**Installation**

1. Suitable for use with any Eaton conventional detector (except for D200 range).
2. Connections suitable for single strand fireproof cable up to 2.5mm².
3. Loop and input cable screen must be connected to interface earth terminals.

Note: No addressing of the interface is required (see control panel operation for details)

**Mounting Details**

**Standard Connections**

**Dimensions**

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<th>H (mm)</th>
<th>W (mm)</th>
<th>D (mm)</th>
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<tbody>
<tr>
<td>63</td>
<td>35</td>
<td>18.5</td>
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**Catalogue numbers**

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