

Technical Data



Signalling Line Circuit Style 7, Class A Supervised, Power Limited

Current (nom)	322 µA
Operating Voltage (nom)	24 VDC

Input – initiating circuit Class B Style C Supervised, Power Limited

Voltage (8,4 Vpp every 1 second)	8.4 VDC
Current	1,2 mA
Trigger Resistance	5.6 kΩ
End Of Line Resistor	22kΩ
Max Line Impedance	16Ω

Environmental

Operating Temperature	0°C - 49 °C
Humidity (Non Condensing)	93% RH

Standards

UL864 9th Edition

Compatibility

Suitable for use with Eaton Analogue Addressable Fire Systems

Physical Characteristics

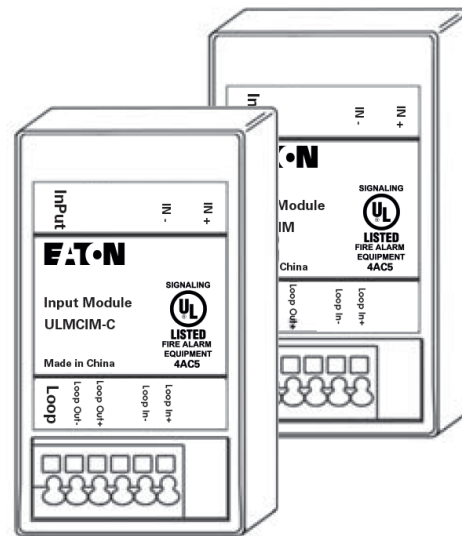
Dimensions	63mm x 35mm x 18.5mm
Weight	> 0.1gm
Ingress Protection	IP40
Wiring cable (max)	1.5mm

ULMCIM

Addresses as a standard input unit (limited to maximum input addresses supported on the panel)

ULMCIM-C

Addresses as a call-point for fast alarm integration



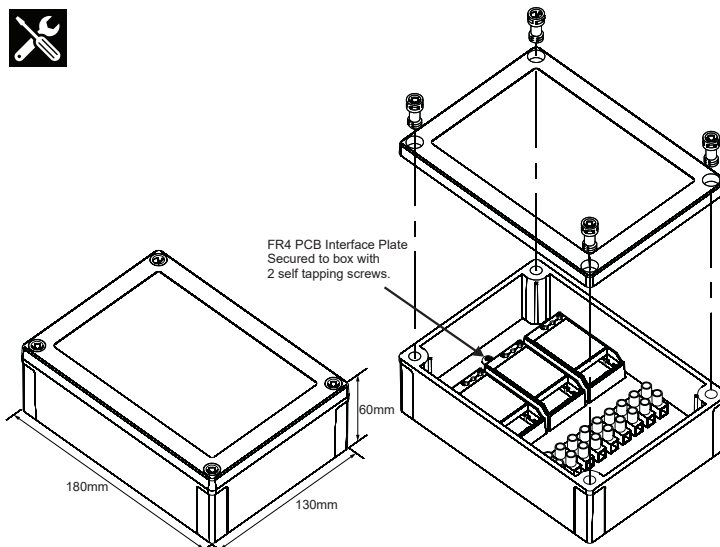
Installation

1. Fit the box in position using the mounting details below.
2. Connect the unit according to the diagram below.
3. Recommended Loop Cable Type: FIRETUF, FP200, MICC.
4. ULMCIM & ULMCIM-C module can be fitted inside a junction box.
5. Up to 3 ULMCIM & ULMCIM-C modules can be fitted inside the Fibox enclosure per the drawing below.

Notes: No addressing of the interface is required. See control panel operation for details. This needs to be programmed as a call point on site installed PC software.

Short Circuit Isolation Data (Integral with each detector)

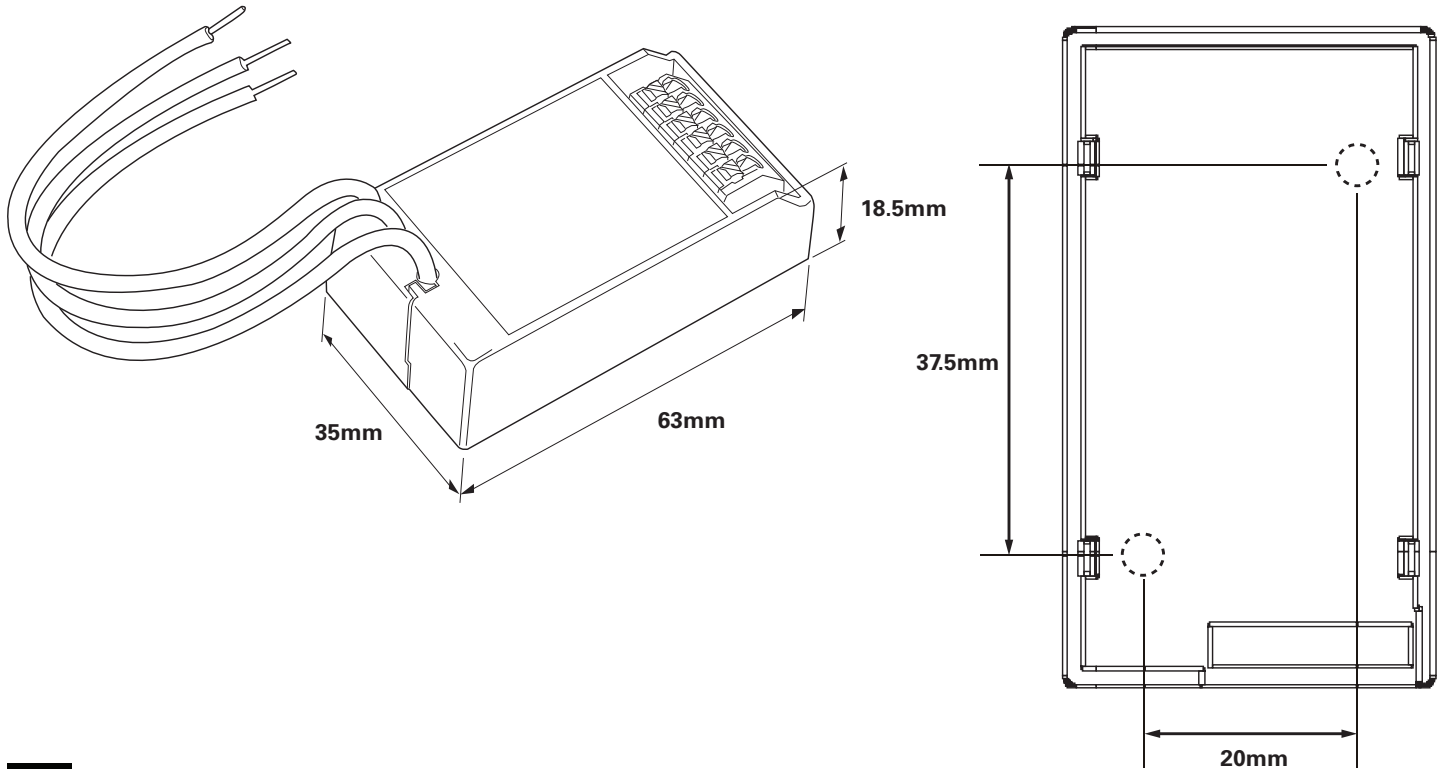
Description	Field Wiring SLC Circuit (input)	Single Channel Input
Wiring Gauge	12 Max AWG	12 Max AWG
Wiring Class	Class A Style 7	Class B Style C
Ground Fault Impedance	0.1 Ohm	0.1 Ohm
Supervised, power limited	Yes	Yes



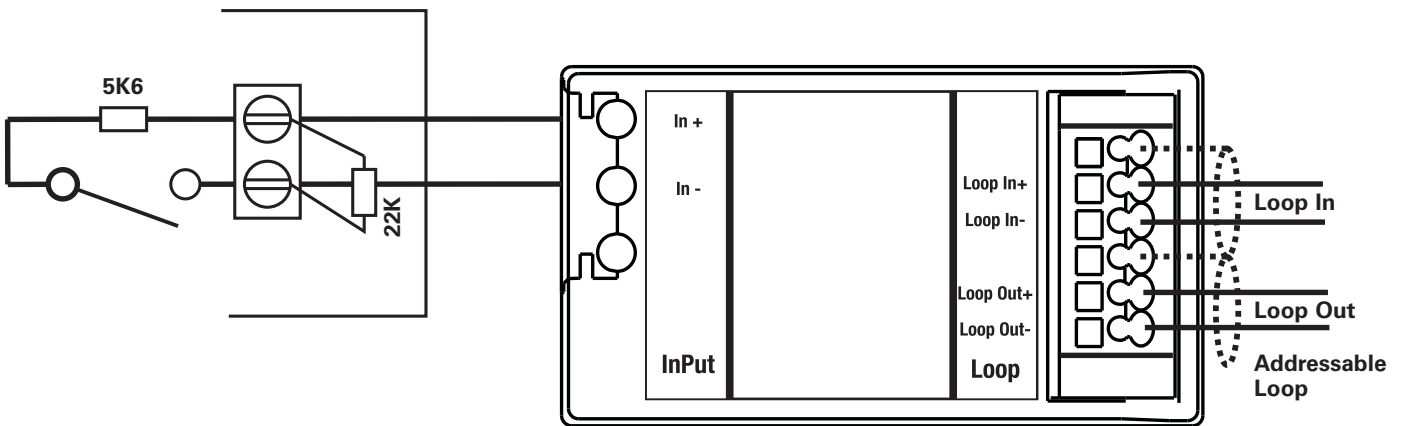
The module **must** be housed in Fibox Oy AB model PC 150/60 HG or any UL Listed Enclosure rated 5VA minimum with the same or greater dimensions as shown.



(Drilling positions, template over leaf)



All connections are Power Limited



Notes:

1. The end of line resistor provided must always be fitted, even if the input is unused.
2. Monitored inputs can detect open or short circuit and ground faults.