

# 6000/MICCO - Monitored Input Clean Contact Output Interface

- Protec Algo-Tec™ 6000 Protocol
- Loop Powered
- Monitored Input Interface
- Clean Contact Output Interface
- Integral Short Circuit Isolator
- Optional Delayed Input Mode
- Optional Non Latching Alarm Mode



The Protec 6000 series MICCO is a loop powered fault monitored input and a volt free clean contact output interface. An on board isolator is provided which protects against loop short circuits on either the incoming or outgoing loop connections.

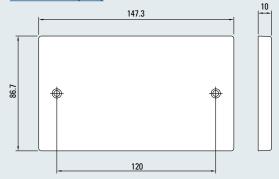
Under normal circumstances the input is terminated with an End of Line resistor. If the correct value of resistance is placed across the monitored input, the MICCO will activate the associated 6000 control panel within 3 seconds. A PCB link may be removed which will delay a sustained activation by 14 seconds, designed for use when interfacing to sprinkler systems. The input is fully monitored for open and short circuit wiring faults.

A set of volt free changeover contacts are provided which operate under panel control. However by the removal of the relevant PCB link the unit can be put into 'door closer' mode where any control panel fault or disablement, or removal of loop power to the device will activate the volt free contacts (and release any magnetic fire door retaining device).

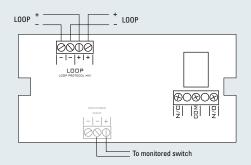
Additionally the removal of a PCB link will put the device into non-latching alarm mode.

# **6000/MICCO Technical Specification**

#### **Dimensions (mm)**



## **Wiring Diagram**



### **Technical Specification:**

Environment -10°C to 50°C (95% R.H. non condensing)

Ingress Protection IP40
Weight 109g
Loop Powered Yes

Loop Standby Load 0.55mA (Average), 2mA (Peak)
Loop Alarm Load 2.2mA (Average), 5mA (Peak)

Loop Voltage 16 - 28V Isolator Yes

Input monitored for short / open circuit

fault and alarm

Outputs Single pole changeover rated for 5A

maximum at 230V AC (non inductive)

Device Protocol Algo-Tec<sup>™</sup> 6000

Relevant Standard EN-17 & 18, CE Marked



Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice