

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.

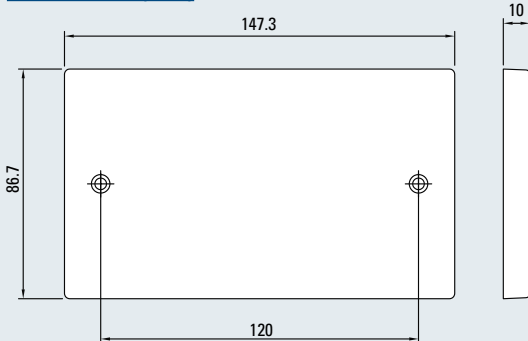
Under normal circumstances the input is terminated with an End of Line resistor. If the correct value of resistance is placed across the monitored input, the MICCO will activate the associated 6000 control panel within 3 seconds. A PCB link may be removed which will delay a sustained activation by 14 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).

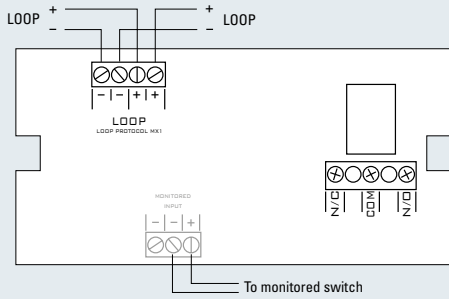
Additionally the removal of a PCB link will put the device into non-latching alarm mode.

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
Inputs	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™ 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
Protec Fire Detection Plc, Protec House, Churchill Way, Nelson, Lancashire, BB9 6RT