

# Installation Guide for 3 Channel Input/Output Unit CIO351

## Installation:

### Wiring

Each unit terminal connector is suitable for clamping a single cable conductor up to a maximum of 2.5mm<sup>2</sup>.

1. Remove the front cover of the unit
2. Remove the internal PCB
3. Drill out the required holes for cable entries
4. Mount the back box in the required position.
5. Refit the internal PCB
6. Install wiring through the pre-drilled holes ensuring care is taken not to damage the circuit board.
7. Connect the unit as per diagram below.
8. Refit front cover.

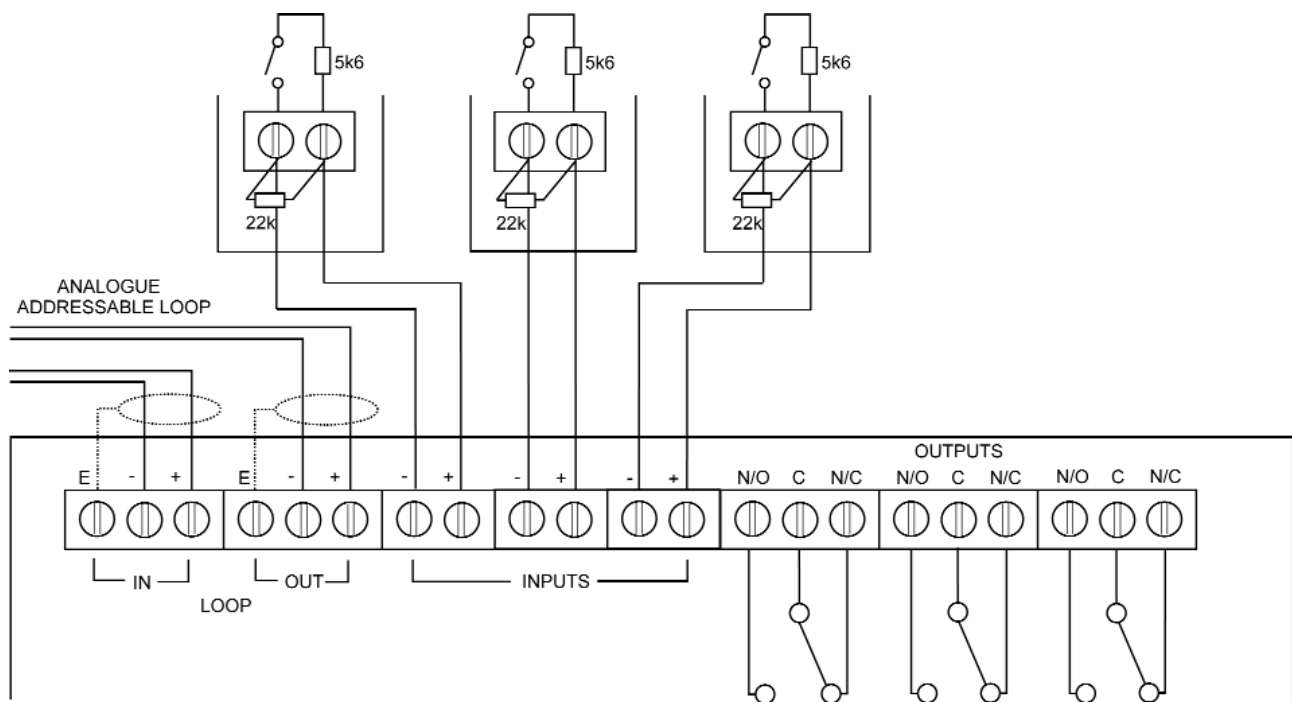
### General

Addressing of the unit is not required (see control panel operation for details)

## CIO351 - Specification:

Operating Voltage	18 to 30Vdc
Quiescent Current:	310µA
Addressing mode	Auto addressed
Output relay contact rating	1A @ 30V resistive 0.5A inductive
Maximum switching voltage	50Vac or 30Vdc
Operating Temperature:	-10 to +60 C
Humidity:	0 to 95% non condensing
IP Rating:	IP65
Standards:	BS5839: Pt 1 (installation)
EMC:	CE Marked
Material:	PCVABS
Dimensions:	180(w)x129(h)x60(d) mm
Cable Size (Min-Max:)	0.5 to 2.5mm <sup>2</sup>
Recommended Cable Types:	Draka - FIRETUF Pirelli - FP200 MICC

## Wiring Schematic:



### Notes:

1. Cable earth screen must be connected to its adjacent earth terminal.
2. The end of line resistor must always be fitted, even if inputs are not used.
3. Input circuits are monitored for wiring open and short circuit.
4. Output relays are volt free-changeover contacts and are not monitored.