



Product Data Sheet

IO953I

950 series three channel IO unit with built in isolator

General

The IO953I provides three voltage free, single pole, change over relay outputs, and three monitored switch inputs. It can report fault, switch open and switch closed conditions on any of the 3 inputs. It uses the standard plastic enclosure with built in, bi-directional short circuit isolator.

Mechanical Construction

The IO953I is supplied in an IP66 grey polycarbonate box for surface mounting. Dual diameter cable entry knockouts are provided on 4 sides of the box.

Maintenance Friendly

Ten LEDs, 6 RED and 4 YELLOW, are fitted to the PCB for diagnostic purposes. For each output channel, one RED LED is set to indicate that that output has activated. A similar configuration indicates on 3 RED LEDs when any input is activated. A Yellow LED on every input indicates when there is an open or short circuit fault on that input.

A separate YELLOW LED is illuminated when the on board isolator has been activated due to a short circuit loop fault.



Standard Features

- Loop powered
- Full line: Switch monitors, Zone monitors, Input/output units, Output units, Sounder circuit controllers etc.
- LEDs for signalling of I/O and fault condition
- Aesthetically pleasing

IO953I

950 series three channel IO unit with built in isolator

Specifications

Supply voltage	17-28 VDC
Current consumption	
Quiescent with EOL fitted	3 mA
Alarm	-
Inputs and outputs activated	7.5 mA
Switch on surge	6.5 mA
Switch monitoring	9 - 11 VDC (open circuit)
Relay contact rating	1A @ 30 VAC/VDC
Operating temperature	-20°C to +70°C
Relative humidity	0-95%
Ingress protection	IP54

Ordering Information

Part No.	Description
IO953I	950 series three channel IO unit with built in isolator

