

# IO950NI

Apollo IO Unit (SA4700-102)



## General

---

IO950NI is the new input/output unit which provides supervision of one or more normally open contacts connected to a single pair of cables and a set of changeover relay output contacts.

## Mechanical Construction

---

The IO950NI is available in the new faceplate style enclosure. It is designed to be surface mounted to the wall and consists of 3 parts:

- a back box with knock-outs for cable entry
- a PCB assembly
- a protective front cover

## Ease of Installation

---

Improved design for ease of wiring meaning faster installation – unit can be fitted to back-box before wiring is connected. Colour coded terminal blocks for easier identification (green for loop wiring, yellow for mains wiring, grey for inputs and low voltage relays).

## Details

---

- Improved design for ease of wiring meaning faster installation
- Loop powered
- Supervise one or more NO switches on a single cable pair
- Local LEDs signalling I/O and fault conditions
- Isolators within each device

# IO950NI

Apollo IO Unit (SA4700-102)

## Technical Specifications

### Electrical

Operating voltage	17 to 35 VDC
Protocol voltage	5-13V peak to peak

### Physical

Physical dimensions	150 x 90 x 60 mm
Net weight	244 g

### Environmental

Operating temperature	-40 to +70°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor

### Standards & regulation

Certification	CPR, EN54-17, EN54-18
---------------	-----------------------

### Current consumption

Power-up surge	0.9 mA
Quiescent	0.5 mA
LEDs disabled (max.)	0.5 mA
Alarm (LEDs On) (max.)	3.5 mA

