# IO950ND

## Apollo IO Unit - DIN Rail Mount (SA4700-302)

### General

IO950ND is the new DIN-Rail 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.

### 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

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## Technical specifications

### Electrical

| | |
|---|---|
| Operating voltage | 17 to 35 VDC<br>5 to 13 V peak-to-peak (Protocol voltage) |
| Current consumption | 0.9 mA (Power-up surge)<br>0.5 mA (Quiescent)<br>0.5 mA max. (LEDs disabled)<br>3.5 mA max. (Alarm LEDs On) |

### Physical

| | |
|---|---|
| Physical dimensions | 102 x 33 x 33 mm |
| Net weight | 49 g |

### Environmental

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

### Regulatory

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

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