

# II954NI

## Apollo Twin Switch Monitor Unit (SA6700-100)

### General

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II954NI is the new twin switch monitor unit which provides the function of two switch monitor units within one enclosure. The two units are electrically independent of each other. There is a DIL switch on each unit to set the address. Both the units are designed to monitor the state of one or more single pole, volt-free contacts connected on a single pair of cables to report the status. It has a selectable status reporting delay making it suitable for monitoring flow switches.

### Mechanical Construction

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The II952NI 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

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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

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- Improved design for ease of wiring meaning faster installation
- Loop powered
- Each unit supervise one or more single pole, volt-free contacts connected on a single pair of cables
- Local LEDs signalling I/O and fault conditions
- Isolators within each device

# I1954NI

## Apollo Twin Switch Monitor Unit (SA6700-100)

### Technical specifications

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#### Electrical

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

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#### Physical

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|---------------------|------------------|
| Physical dimensions | 150 x 90 x 60 mm |
| Net weight          | 273 g            |

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#### Environmental

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

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#### Standards & regulation

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|---------------|-----------------------|
| Certification | CPR, EN54-17, EN54-18 |
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#### Current consumption

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|------------------------|--------|
| Power-up surge         | 0.9 mA |
| Quiescent              | 0.5 mA |
| LEDs disabled (max.)   | 0.5 mA |
| Alarm (LEDs On) (max.) | 2 mA   |

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Last updated on 6 July 2020 - 15:56

