II954NI

Apollo Twin Switch Monitor Unit (SA6700-100)

General

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

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

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
- 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

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Technical specifications

Electrical

Operating voltage	17 to 35 VDC 5 to 13 V peak-to-peak (Protocol voltage)
Current consumption	2 mA max. (Alarm LEDs On) 0.9 mA (Power-up surge) 0.5 mA (Quiescent) 0.5 mA max. (LEDs disabled)

Physical

Physical dimensions	150 x 90 x 60 mm
Net weight	273 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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