II952NI

Apollo Switch Monitor Unit (SA4700-100)

General

II952NI is the new switch monitor unit 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
- 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
Protocol voltage	5-13V peak to peak

Physical

Physical dimensions	150 x 90 x 60 mm
Net weight	239 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.)	2 mA

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