IO952NI

Apollo Twin IO Unit (SA4700-104)

General

IO952NI is the new twin input/output unit which provides the function of two Input/Output units within one enclosure. the tow units are electrically independent of each other. There is a DIL switch on each unit to set the address. Both units provide 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
- Each input/output unit 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
Current consumption	0.9 mA (Power-up surge) 0.5 mA (Quiescent) 0.5 mA max. (LEDs disabled) 3.5 mA max. (Alarm LEDs On)
Protocol voltage	5 to 13 V peak-to-peak

Output

Output type and rating	Relay 1 A at 30 VDC or VAC

Physical

Physical dimensions	150 x 90 x 60 mm
Net weight	281 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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