2010-2-PIB-8I8O

Addressable fire panel accessory, Peripherals Interface Board, 8 inputs, 8 outputs

Overview

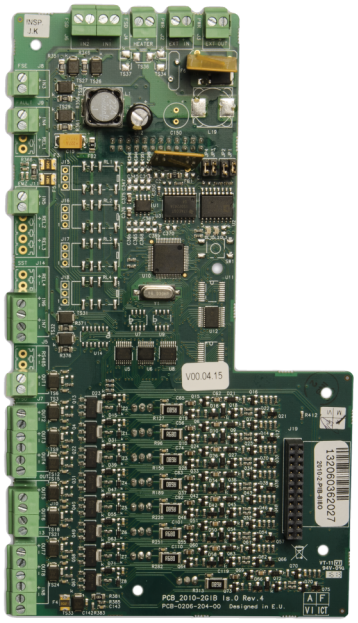
The 2010-2-PIB-8I8O Peripherals Interface Board is an accessory of the small to medium size intelligent addressable life safety control systems. In total there are 4 variants of this board. The 2010-2-PIB-8I8O is a reduced variant of the 2010-2-PIB and is perfect if your only looking for having additional supervised inputs and outputs to interface other electronic equipment on site.

Functionality

The 2010-2-PIB-8I8O Peripherals Interface Board provides eight inputs and outputs for compatible control panels. The board can be powered from the control panel or from an external power supply, providing 24 VDC to each of the supervised outputs. Inputs and outputs are supervised for short circuit and open circuit faults.

Mounting & connections

The board can be plugged directly on the front of the main board inside the big size control panel variants on top of the new release 3 chassis. No additional wiring is required. You can use the pluggable connectors to make your connections to the field wiring. Connect an external power supply to the board directly to reduce the load of your system.



Details

- 8 supervised inputs
- 8 supervised outputs
- Option to externally power
- Pluggable connectors

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Technical specifications

General

Compatibility	Release 3 hardware / firmware

Electrical

Power supply type	VDC
Operating voltage	24 VDC
Current consumption	40 mA max.(standby) 4050 mA max. (activated)

Output

Output type and rating	500 mA at 25°C (activated, per output)

Physical

Form factor	Large
Physical dimensions	105 x 192 mm (W x H)
Net weight	142 g
Shipping weight	240 g
Mounting type	In cabinet

Environmental

Operating temperature	+5 to +40°C
Storage temperature	-20 to +50°C
Relative humidity	10 to 95% noncondensing

Regulatory

Compliancy	CPD, RoHS, WEEE
Certification	EN54-13, EN54-2

Input activation

Open circuit	>20.2 kOhm
Quiescent	15 kOhm
Activated	60.2 Ohm to 8 kOhm
Short circuit	<60.2 Ohm

End-of-line termination

Input (typical)	EOL 15 kOhm, 1/4 W resistor
Output (typical)	EOL 15 kOhm, 1/4 W resistor
Output (EN 54-13)	EOL Class B (EN 54-13) device

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Last updated on 4 June 2024 - 11:19