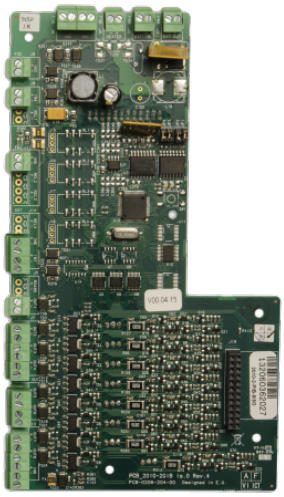
2010-2-PIB-8I8O

Addressable Fire Panel Accessory - Peripherals Interface Board 8I / 8O



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.

Standard Features

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

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Specifications

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)
General	
Compatibility	Release 3 hardware / firmware
Physical	
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
Standards & regulation	
Certification	EN54-13, EN54-2
Standards	EN54-2 EN54-13
Environmental	CPD WEEE RoHS
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
Operating environment	
Operating temperature	-5 to +40°C

Ordering Information

Part No.	Description
2010-2-PIB-8I8O	Addressable Fire Panel Accessory - Peripherals Interface Board 8I / 8O

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2010-2-PIB-8I8O-2023-04-19 04:11:42 Released :12-AUG-19

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