# 2010-2-PIB-8I8O

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

## Overview

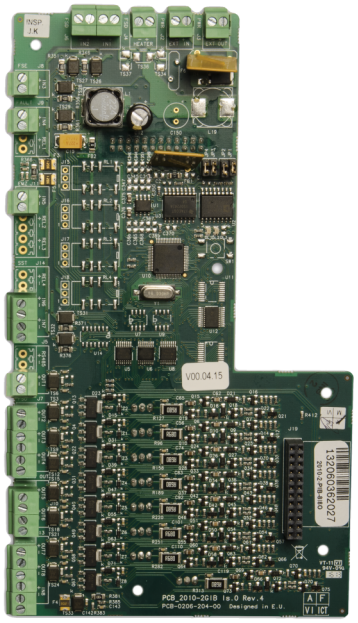
The 2010-2-PIB-8I8O Peripherals Interface Board is an accessory of the small to medium size intelligent addressable life safety control systems. In total there are 4 variants of this board. The 2010-2-PIB-8I8O is a reduced variant of the 2010-2-PIB and is perfect if your only looking for having additional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

## Technical specifications

### General

| | |
|---|---|
| Compatibility | Release 3 hardware / firmware |

### Electrical

| | |
|---|---|
| Power supply type | VDC |
| Operating voltage | 24 VDC |
| Current consumption | 40 mA max.(standby)<br>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 | CE, REACH, RoHS 3, WEEE |
| Certification | CPR |
| Standards | EN54-2, EN54-13 |

### 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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