# 2010-2-PIB

## Addressable fire panel accessory, Peripherals Interface Board

### Overview

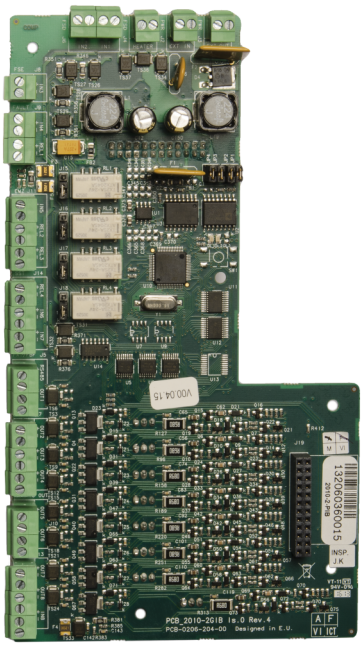
The 2010-2-PIB Peripherals Interface Board is an accessory of the small to medium size intelligent addressable life safety control systems. In total there are 4 variants of this board. The 2010-2-PIB is the most extended variant of the range and provides ways to interface other electronic equipment on site.

### Functionality

The 2010-2-PIB Peripherals Interface Board provides eight inputs and outputs and four relay outputs for compatible control panels. The board is designed to support German marketplace requirements in control panels operating in VdS 2540 mode and provides an interface to the IFAM System 3000 network, fire brigade equipment, and other regional control and indicating equipment and devices. 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 (excluding relay 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
- 4 relay outputs
- Option to externally power
- Interface to the IFAM System 3000 network
- Operating in VdS 2540 mode
- Pluggable connectors

# 2010-2-PIB

## Addressable fire panel accessory, Peripherals Interface Board

## Technical specifications

### General

| | |
|---|---|
| Compatibility | Release 3 hardware / firmware |
| Maximum system capacity (device count) | 1 to 32, more than 160K, up to 120K, up to 128, up to 160K, up to 20K, up to 256, up to 4096, up to 512, up to 60K, up to 64, up to 96 |
| Network size (nodes) | 1 to 32, mere end 128, up to 128, up to 64 |

### Electrical

| | |
|---|---|
| Power supply type | VDC |
| Operating voltage | 24 VDC |
| Current consumption | 40 mA max.(standby)<br>4050 mA max. (activated) |

### Zone

| | |
|---|---|
| Maximum zone capacity | 1 to 64, more than 1024, up to 1024, up to 256 |

### Output

| | |
|---|---|
| Output type and rating | 500 mA at 25°C (activated) |

### Physical

| | |
|---|---|
| Form factor | Stor |
| Physical dimensions | 105 x 192 mm (W x H) |
| Net weight | 164 g |
| Shipping weight | 240 g |
| Mounting type | I kabinettet |

### 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 (VdS)

| | |
|---|---|
| Open circuit | >3.9 kOhm |
| Quiescent | 2.2 kOhm to 3.3 kOhm |
| Activated | 60.2 Ohm to 1.7 kOhm |
| Short circuit | <60.2 Ohm |

### Input activation (standard)

| | |
|---|---|
| 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 (VdS) | 2.2 kOhm to 3.3 kOhm resistor (FSD, SST,EMZ) |
| Input (typical) | EOL 15 kOhm, 1/4 W resistor (FSE, ÜE, FAULT, configurable) |
| Output (typical) | EOL 15 kOhm, 1/4 W resistor |
| Output (EN 54-13) | EOL Class B (EN 54-13) device |

### Relay contact rating

| | |
|---|---|
| | 2 A at 30 VDC |

### 3.3 kOhm / 680 Ohm switched relay output activation

| | |
|---|---|
| Activated | 560 Ohm |
| Not activated | 3.3 kOhm |

KIDDE COMMERCIAL

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 16 October 2026 - 11:08