



## AFI5100 Input Point Module (IPM)

SiPass®  
integrated

- Support for up to 32 passive input devices
- Input supervision
- 4 Auxiliary outputs

The AFI5100 is a programmable input controller used as part of a Siemens integrated access control and security system. It provides a local interface between an Advanced Central Controller ACC and the devices used to monitor a facility; for example, duress alarms or infrared detectors.

When an input device that is connected to an AFI5100 changes state, the AFI5100 registers the change of state and forwards this data to the ACC. After checking the validity of the data, the ACC sends the message to the Host system so the Alarm Handling mechanism can respond appropriately.

## Features

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- Support for up to 32 passive input devices
- 4 auxiliary outputs (relay)
- Auxiliary 12Vdc output power supply
- Local anti-tamper input and alarm output
- Input supervision
- Communications status LED's for both, transmitting and receiving
- Activity status LED
- Power status LED
- Flash memory updateable
- Support for Enhanced Fire Over-ride

## Description

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The AFI5100 has 32 input ports onboard for the connection of a wide variety of alarm and monitoring devices. Each input can be supervised individually, ensuring that an alarm is reported instantly if tampering is detected.

Four auxiliary relay output connections also form part of the AFI5100, allowing you to connect peripheral devices like strobes or alarm buzzers to enhance the security of the installation.

The Input Point Module provides full support for enhanced Fire Over-ride. This technology greatly improves security by discerning false Fire Over-ride events from the real thing, preventing intruders from forcing a fail-safe scenario and thereby possibly gaining access.

Programmed with the latest Flash memory, the AFI5100 can be updated with ease via the Field Level Network (FLN) Configurator software, keeping your security system constantly up-to-date and ready.

## Technical data

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### Power Supply

Operating Voltage	12 VDC +10%/-15%
	24 VDC +10%/-15%
Power Consumption	Max. 50 W

### Communication Interface

1 ACC/FLN	RS-485, 2-wire
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### Inputs

32 Internally supplied Inputs	Supervised or unsupervised
1 Anti Tamper Input	Internally supplied
1 Fire Over-ride In	Potential-free or internally supplied

### Outputs

4 Auxiliary Relay Outputs	Potential-free, 10 A / 30 VDC, 10A / 250 VAC
1 Alarm Output	Open-Collector, 12VDC / 200 mA
2 Power Output	12 VDC / 1,5 A
1 Fire Over-ride Out	Potential-free 10 A / 30 VDC, 10A / 250 VAC

### Dimensions (L x W x H)

Without housing	287mm x 250mm x 30mm 11.46" x 9.84" 1.18"
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### Environmental

Temperature	Operation: 0 °C to 50 °C / 32°F to 122°F Storage: 0 °C to 60 °C / 32°F to 140°F
Humidity	10-90% (non-condensing)

## Details for ordering

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Type	Part no	Designation	Weight
AFI5100	6FL7820-8CB10	Input Point Module including base plate, 12/24 VDC	1,0 kg

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