



AFi5100

SiPass®
integrated

Input point module including base plate

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- 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 SiPass integrated system. It provides a local interface between the central controller (AC5100 or AC5200) and the devices used to monitor a facility, such as infrared detectors.

When an input device that is connected to an AFi5100 changes status, the AFi5100 registers the status change and forwards this data to the central controller. After checking the validity of the data, the central controller sends the message to the SiPass integrated server, so the alarm-handling mechanism can respond appropriately.

Features

- 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 LEDs for both transmitting and receiving
- Activity status LED
- Power status LED
- Flash memory updateable
- Support for enhanced fire override

Description

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 to ensure that an alarm is reported instantly if tampering is detected.

The AFI5100 also includes four auxiliary relay output connections to make it possible to connect peripheral devices like strobes or alarm buzzers to enhance the security of the installation.

The ATI5100 provides full support for enhanced fire override. This technology greatly improves security by discerning false fire override events from the real thing, preventing intruders from forcing a fail-safe scenario and thereby possibly gaining access.

The AFI5100 is programmed with the latest flash memory and can therefore be updated with ease via the field level network (FLN) configurator software.

Technical data

| AFI5100 | |
|------------------------|--|
| Interface | To controller: RS485 |
| Operating voltage | 12 to 24 VAC ±20 % |
| Power consumption | 50 W |
| Inputs | 32 x internally supplied (supervised or unsupervised) 1 x Tamper (internally supplied) 1 x Fire override (potential-free or internally supplied) |
| Outputs | 4 x Auxiliary relays (30 VDC, 2 A) 1 x Alarm output (open-collector 12VDC, 200 mA) 1 x Fire override relay (30 VDC, 2 A) |
| Firmware | Flash upgradeable |
| Indicators | Power, Activity, Communication Inputs, Output Peripheral supplies Fire override |
| Operating temperature | 0 to +50 °C |
| Dimensions (W x H x D) | 250 x 287 x 30 mm |
| Approval | CE, UL294, C-Tick |

Details for ordering

| Type | Part no. | Designation | Weight |
|---------|---------------|---|---------|
| AFI5100 | 6FL7820-8CB10 | Input point module including base plate | 1.35 kg |

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