



AFO5200

Access Control

Input/Output Module

- High Performance Input/Output Module
- Provides 8 input and 8 output connections
- Allows inputs to be monitored
- Local anti-tamper input and alarm output
- LEDs: communications status, power and activity
- Flash memory updateable
- Fire Override input and output
- Support for enhanced Fire Override
- Input tamper monitoring

The AFO5200 is an advanced, multi-purpose device that provides an interface between field level input and output devices and an Advanced Central Controller (ACC).

It is designed primarily for use with those applications that require a connection between input device activity and outputs. It is also suitable for situations that require the monitoring of input connections.

The AFO5200 has been specifically designed to work seamlessly with all other SiPass Integrated Field Level Network Devices to provide an effective and reliable Access Control and Security solution.

The AFO5200 fully supports Fire Override, including an enhanced mode, which allows the Fire Override input to be supervised for tampering. Attempts to force an Override scenario can be detected and an alarm triggered, ensuring that security is never compromised while Emergency control is maintained.

By using the latest flash technology, the AFO5200 is fully updateable, and can be easily programmed via the SiPass host system. This leading-edge technology allows the AFO5200 to be reprogrammed or reconfigured and used in conjunction with other Siemens security products, providing a complete and fully expandable access control solution.

The AFO5200 has been carefully engineered so that it can be easily mounted in any appropriate location.

Technical data

Electrical

Power (input)	12 V DC, -15 to +10% or 24 V DC, -15 to +10%
Consumption	max. 2 A @ 12 V DC, max. 1.5 A @ 24 V DC (Fully loaded: All Relays are driven and the Aux Power Output supplies its max current of 1.5 A)
Communications FLN	RS-485 two wire, half-duplex
Inputs (internally supplied)	8 x Auxiliary (unsupervised or supervised)
Outputs	8 x Relay 2 A @ 30 V DC
Fire Override (FOR) input	1 x Fire Override input Normal or Enhanced Modes: <ul style="list-style-type: none">• Normal mode requires an input voltage of 12 V DC• Enhanced mode requires the connection of 22 kOhm resistor circuits. Cable must be shielded and total cable run resistance must not exceed 100 Ohms.
Fire Override (FOR) output	1 x Relay 2 A @ 30 V DC
Local input	1 x passive device connection
Local output	1 x open-collector 100 mA @ 9.7 – 12 V DC
Aux Power output	1.5 A @ 9.7 – 12 V DC

Dimensions

with baseplate (W x H x D)	250 x 210 x 40 mm (9.84 x 8.27 x 1.57")
without baseplate (W x H x D)	216 x 190 x 28 mm (8.50 x 7.48 x 1.10")

Environmental

Operating Temp	0 – 50 °C (32 – 122 °F)
Storage Temp	0 – 60 °C (32 – 140 °F)
Humidity	10 – 90% RH (non-condensing)

Standards and Guidelines

European Directives	Emitted interference: EN 61000-6-3: 2001
“Directive of Electromagnetic Compatibility”	EN 55022 +A1 +A2 Kl. B: 2003
C-Tick	Interference resistance: EN 50130-4 +A2: 2003
UL-Directives	Standard for Australia and New Zealand (equivalent to EN 55022 of the European Directive).
	UL 294 Access control units. Details can be found under: http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/gfilenbr.html with UL File Number: BP9490

Details for ordering

Type	Part no	Designation	Weight
AFO5200	S24246-A2600-A1	Input/Output Module, 8 relay outputs, 8 supervised inputs, 12/24 V DC input power supply	0.7 kg

Issued by
Siemens Building Technologies
Fire & Security Products GmbH & Co. oHG
D-76181 Karlsruhe

© 2006 Copyright by
Siemens Building Technologies AG
Data and design subject to change without notice.
Supply subject to availability.

www.sbt.siemens.com

Document no. **A24205-A335-B302**
Edition 04.2006