SIEMENS

AC5160

Controller

SiPass®
integrated

- **Wall housing with pre-assembled SiPass basic components**
- **Equipped with one ACC, two DRI and one power supply**
- **Extendable with additional components**

The AC5160 is a wall housing which includes all relevant basic components of the SiPass Access Control System.

It is equipped with one Advanced Central Controller ACC, two Dual Reader Interfaces DRI and one power supply. In addition, the AC5160 offers additional assembly places to add further SiPass components, two batteries for an uninterrupted power supply operation or an additional power supply.

The wall housing itself consists of a base plate where all components are pre-assembled and a cover. The architecture of the housing enables an easy und quick installation. As all modules are already pre-assembled only the connection to the power supply and access readers has to be established. An integrated tamper contact ensures that the housing can not be opened unnoticedly by unauthorized persons..

Features

- Pre-assembled SiPass wall housing
- Equipped with one ACC, two DRI and one power supply
- Easy and quick installation
- Extendable with additional components
- Integrated tamper contact
- Accessory kit for assembling

Description

The AC5160 in a wall housing which comprises the SiPass basic components Advanced Central Controller ACC and two Dual Reader Interfaces DRI. These components together with the power supply are pre-assembled and wired.

The architecture of the housing and the included accessory kit allows an easy and quick installation. As all modules are pre-assembled only the connection to the power supply and access readers has to be established. The housing disposes of cable passages with strain relief which allow an easy wiring with external connection points.

Additional assembly places in the housing offer the possibility to add extra SiPass components. This allows an extension by e.g. four Dual Reader Interfaces DRI or an Input Point Module IPM respectively an Output Point Module OPM or a combination of both. Depending on the extension an additional power supply might be required. The two power supplies will then operate in a Master-Slave mode.

An integrated tamper contact ensures that if the housing is opened illicitly, a configurable alarm message will appear within SiPass.

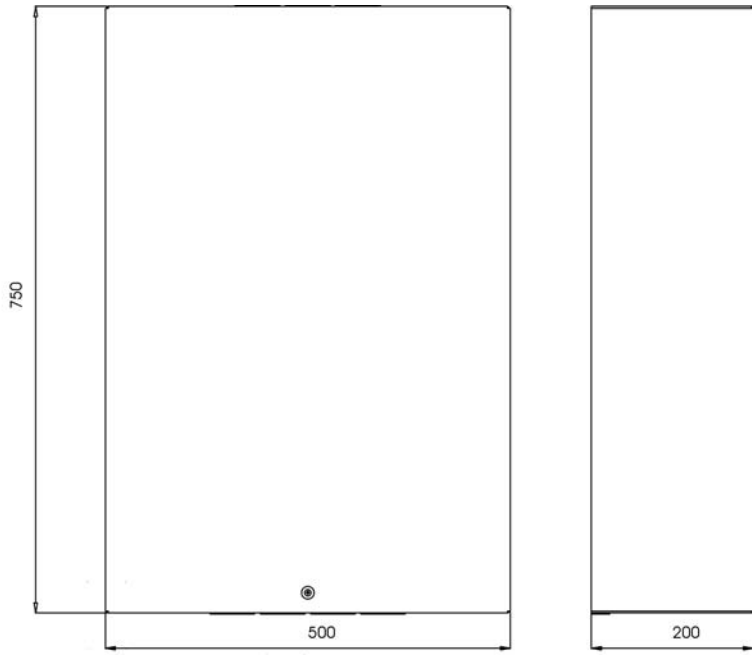
Possible configurations

Possible configurations at max. power consumption of the components:

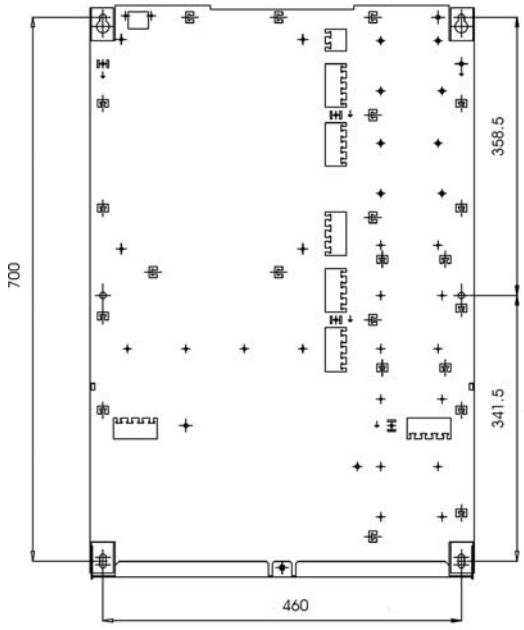
Power pack(s)	ADD5100	AFI5100	AFO5100
1	2	0	1
1	2	1	0
1	4	0	0
2	6	0	0
2	6	0	1
2	6	1	0

When making configurations, the max. power consumption of the system (readers, door openers) must be taken into account.

Dimensions (in mm)



Housing cover



Base plate

Electrical	
Power supply connection	230 V AC, +10 to -15%, 50 Hz
Supply voltage	24 V DC
System, incl. battery charging current	max. 5 A pro 150 W-power supply
Capacity of battery	max. 25 Ah per battery
Power consumption[1]	
AC5100[2]	max. 10 Watt
ADD5100[3]	max. 25 Watt
AFI5100	max. 50 Watt
AFO5100	max. 10 Watt

Power pack	
Fastener	DIN rail mount TS35
Power supply connection	Spring-loaded clips max. 1.5 mm2
Output and signal clips	Spring-loaded clips, pluggable, max. 2.5 mm2

Operating conditions	
Max. permissible ambient temperature	-10 to +55° C
Protection rating (EN60529)	IP30
Rel. humidity	F (< 95%)
Environmental class	II

Design	
Cabinet dimensions (W x H x D) in mm	500 x 750 x 200
Color	RAL 7035, light gray
Material	Steel sheet

[1] For additional technical data please refer to the data sheet for each module.
[2] Replaces type designation ACC-010
[3] Replaces type designation RIM-010

Scope of supply

➔ 1 Installation instruction
➔ 1 Accessory kit
➔ 1 Wall housing consisting of base plate and cover
➔ 1 ACC Advanced Central Controller
➔ 2 Reader Interface Module ADD5100
➔ 1 Power supply 24V/150W

All mentioned hardware components are pre-assembled.

Details for ordering

Type	Part no	Designation	Weight
AC5160	6FL7820-8BA16	SiPass Controller	21,2 kg

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