

Cerberus™ FIT

Fire control panels FC360

FC361-ZZ, FC361-ZA, FC361-YZ, FC361-YA



Fire control panels (1-loop) for addressable peripheral devices with integrated operating unit

- One loop with 126 addresses or two stubs each with 32 addresses
- Two collective horn lines
- Three freely programmable relay outputs
- Four freely programmable control inputs/outputs
- Optional RS232 module
- Optional module with four freely configurable monitored outputs
- Integrated web-server-based 'FC360 Panel Configurator' software, access via Ethernet connection (port)
- Installation space for optional components:
 - LED indicator (16 zones)
 - Key switch (standard) or key switch (Nordic)
 - Evacuation module (NL)
- Emergency power supply for emergency operating time of up to 72 hours

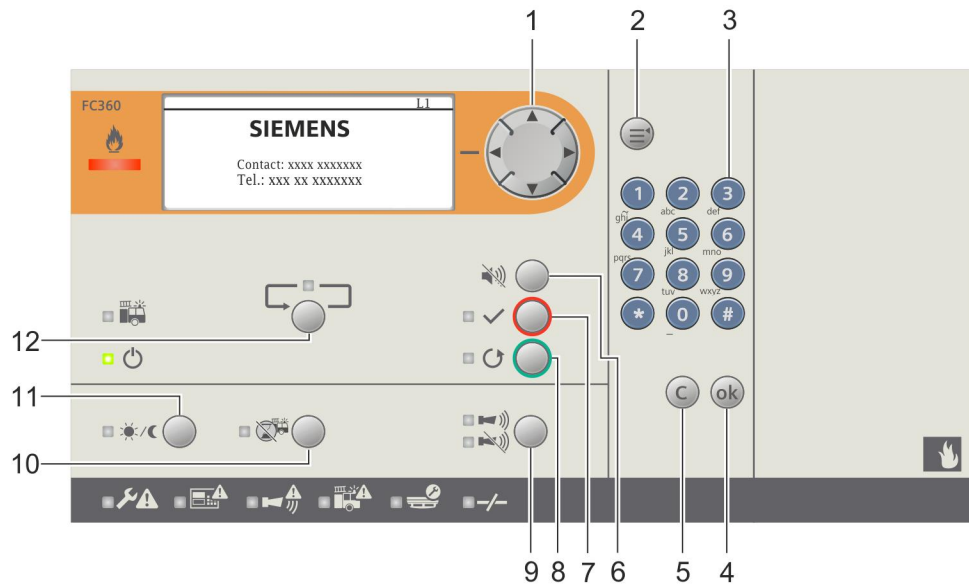
The FC361-xx is ideal for smaller fire detection installations such as those in the following buildings, for example:

- Workshops
- Hotels
- Schools
- Shops
- Residential homes

Display and operating unit

The following components are located on the operating unit:

- The electronic components for the operating unit
- Optional:
 - Key switch (standard or Nordic)
 - LED indicator (16 zones)
 - Evacuation module (NL)



No	Designation
1	Navigation button
2	Menu button
3	Keypad for entering numeric and alphanumeric texts, e.g., password, customer text, etc.
4	OK button (to confirm your selection)
5	C button ('Cancel')
6	Button for 'Buzzer OFF'
7	Button for 'Acknowledge' message
8	Button for 'Reset' message
9	'Mute'/'Unmute' button for sounder control
10	Button for 'Alarm delay OFF'
11	Button for 'Manned'/'Unmanned' operation modes
12	Button for scrolling through alarm messages

Mainboard

The following components are located on the mainboard:

- A slot for the RS232 module
- CPU module
- An Ethernet port
- The connection terminals for the C-NET detector line (one loop or up to two stubs)
- Two monitored collective horn lines
- Three freely configurable relays (remote transmission – fire – fault, fire control)
- Four freely programmable control inputs/outputs
- One DC 24 V voltage output

Optional:

- Output module (4M) equipped with 4 monitored freely configurable outputs for alarm devices, fire control, and transmission paths for alarm and fault

Power supply 70 W

- The power supply feeds the hardware and charges the batteries.

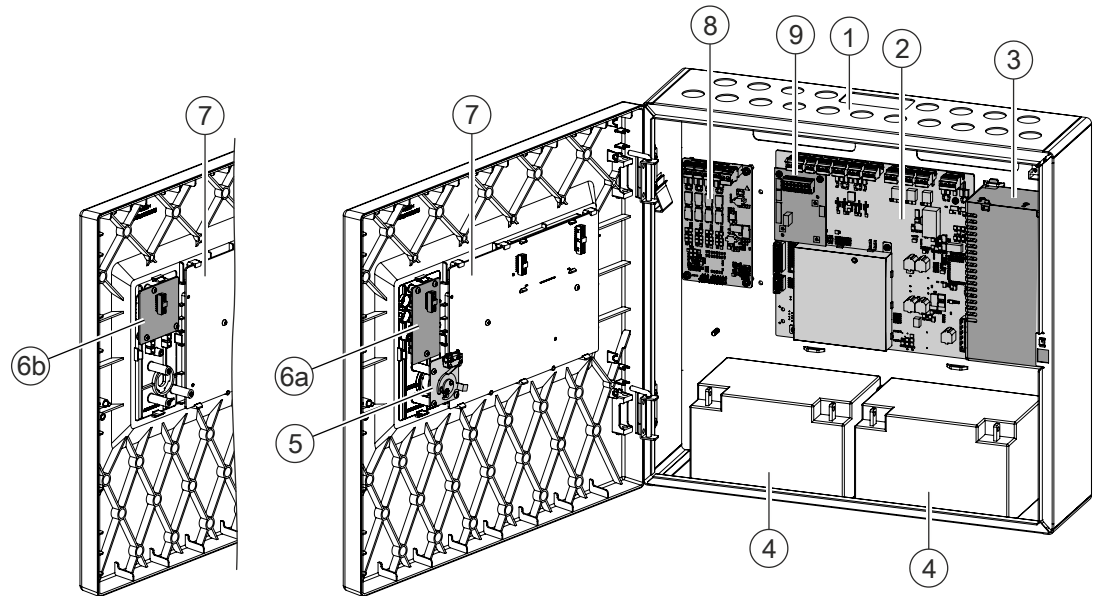
Emergency power supply

- In the event of a power cut, the batteries provide emergency current for up to 72 hours.

Configuration

- Customer-specific adaptations to the system can be made with the integrated 'FC360 Panel Configurator'.

Configuration





Item	Designation	Type	Notes
1	Housing	–	Items 1...3 and item 7 -> basic equipment for each FC361-xx
2	Mainboard	–	
3	Power supply (70 W)	FP2015-A1	
4	Batteries	FA200x-A1	2x 12 V
5	Key switch	FCA3601-Z1	Optional ¹ , for access authorization for operation
	Key switch (Nordic)	FCA3603-Z1	
6a	LED indicator (16 zones)	FTO3602-Z1	Optional ²
6b	Evacuation module (NL)	FTO3601-H1	Optional ²
7	PMI	–	Basic equipment
8	Output module (4M)	FCA3602-Z1	Optional
9	RS232 module (isolated)	FCA2001-A1	Optional



¹ Not in conjunction with the evacuation module (NL)

² Either LED indicator (16 zones) or evacuation module (NL): The LED indicator (16 zones) and the evacuation module (NL) cannot be installed at the same time.

Fire control panels FC361-xx

Type	Order number	Designation
FC361-ZZ	S54433-C112-A1	Fire control panel (1L, Comp.)
FC361-ZA	S54433-C111-A1	Fire control panel (1L, Comf.)
FC361-YZ	S54433-C110-A1	Fire control panel (1L, Comp., LED)
FC361-YA	S54433-C109-A1	Fire control panel (1L, Comf., LED)

FC361-ZZ	FC361-ZA
Battery: Max. 2x 12 V, 12 Ah Without integrated LED indicator for 16 zones	Battery: Max. 2x 12 V, 25 Ah Without integrated LED indicator for 16 zones
	

FC361-YZ	FC361-YA
Battery: Max. 2x 12 V, 12 Ah With integrated LED indicator for 16 zones	Battery: Max. 2x 12 V, 25 Ah With integrated LED indicator for 16 zones
	

Extensions

Type	Order number	Designation
FTO3602-Z1	S54433-B117-A1	LED indicator (16 zones)
FCA3601-Z1	S54433-N113-A1	Key switch
FCA3603-Z1	S54433-N115-A1	Key switch (Nordic)
FTO3601-H1	S54433-B116-A1	Evacuation module (NL)
FCA2001-A1	A5Q00005327	RS232 module (isolated)
FCA3602-Z1	S54433-A114-A1	Output module (4M)
FCA1209-Z1	S54400-B124-A1	Output module (230 V)

Auxiliary power supply

Type	Order number	Designation
FP120-Z1	S54400-S122-A1	Power supply kit A 70 W

Batteries

Type	Order number	Designation
FA2003-A1	A5Q00019353	Battery (12 V, 7 Ah, VdS)
FA2004-A1	A5Q00019354	Battery (12 V, 12 Ah, VdS)
BAT12-25	S54302-Z102-A1	Battery (12 V, 25 Ah, VdS)

External printer

Type	Order number	Designation
DL3750+	A5Q00023962	Matrix printer (external)
–	A5Q00023963	Color ribbon for matrix printer DL3750+

Spare part

Type	Order number	Designation
FP2015-A1	S54400-B121-A1	Power supply (70 W)
FCM3601-Z1	S54443-A115-A1	Mainboard
FHD3601-Z1	S54443-B118-A1	Door incl. PMI

Mounting accessories

Type	Order number	Designation
FHA3602-Z1	S54433-N118-A1	Semi-flush mount bezel

Tools

Type	Order number/Document ID	Comment
FC360 Panel Configurator	—	Scope of supply for FC361-xx control panels
FX3610 Cerberus FIT Quantities tool	A6V10885143	—

Product documentation

Document ID	Name
A6V10421795	Technical Manual of Fire Control Panels FC361-xx
A6V10450591	Installation Door incl. PMI FHD3601-Z1
A6V10450593	Installation Mainboard FCM3601-Z1
A6V10450595	Operation Manual of FC360 Desktop Editor and FC360 Panel Configurator
A6V10882301	List of compatibility (for 'FC360' product line)
A6V10421792	Installation of Fire Control Panels FC361-xx
A6V10893024	Installation Semi flush mount bezel FHA3602-Z1

Notes

Disposal



The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.
- Dispose of empty batteries in designated collection points.



⚠ WARNING

Connecting batteries in parallel

Risk of explosion and fire

- Never switch batteries in parallel.
- If you need more power, you must use batteries with a higher capacity.

General data	
Number of detector lines	
<ul style="list-style-type: none"> • Loop or • Stub lines 	Max. 1 Max. 2
Number of addresses	Max. 126
Operating unit	Integrated
Dimensions (W x H x D)	
<ul style="list-style-type: none"> • FC361-ZZ / FC361-YZ • FC361-ZA / FC361-YA 	402 x 372 x 132 mm 402 x 372 x 211 mm
Color:	
<ul style="list-style-type: none"> • Housing / cover cap 	~RAL 7035, light gray


Inputs / outputs	
Integrated inputs/outputs	
<ul style="list-style-type: none"> • Outputs for horn • Relay outputs for fire control and transmission paths for alarm and fault 	2 3
Freely configurable inputs/outputs	4
Options:	
Output module (4M) with 4 monitored outputs for alarm devices, fire control, and transmission paths for alarm and fault	1

Connections	
Slot for serial interface RS232	Max. 1
Ethernet port RJ45	Max. 1
LED indication	Max. 1
Key switch (standard)	Max. 1
Key switch (Nordic)	Max. 1
Evacuation module (NL)	Max. 1
Output card (4M)	Max. 1
Connectable detector series	Cerberus™ PRO FD720 (C-NET) according to 'List of compatibility'. See 'Product documentation' section
External printer DL3750+	Connection via RS232 interface

Performance data	
Mains voltage	AC 97...127 V AC 196...253 V
Power supply	70 W
Operating voltage	DC 20.5...28.6 V
Operating current	Max. 2.5 A
Battery capacity	Max. 2x 12 V, 12 Ah (FC361-ZZ, FC361-YZ) Max. 2x 12 V, 25 Ah (FC361-ZA, FC361-YA)
Battery bridging time	Up to 72 h
Battery monitoring	Yes
Mains supervision	Yes

Ambient conditions and protection category	
Operating temperature	-5...+40 °C
Storage temperature	-20...+60 °C
Air humidity (no condensation permitted)	≤95 % rel.
Protection category (IEC 60529)	IP30

Standards and approvals	
Standards	EN 54-2, EN 54-4, EN 54-13
Approvals: • LPCB	531q/03

16  0832	FC361-YA / FC361-YZ / FC361-ZA / FC361-ZZ	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. A6V10421795
FC361 - Control and Indicating Equipment incl. FP2015 - 70W/24VDC Power Supply Equipment in fire detection and fire alarm systems installed in buildings		
305/2011/EU (CPR): EN 54-2 / EN 54-4 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2014/35/EU (LVD): EN 60950-1 ; 2011/65/EU (RoHS): EN 50581		
Declared performance and conformity can be seen in the Declaration of Performance and the EC Declaration of Conformity, which is obtainable via the Customer Support center: Tel. +49 89 9221-8000 or http://siemens.com/bt/download		
DoP No.: 0832-CPR-F1346; DoC No.: CED-FC361		