

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

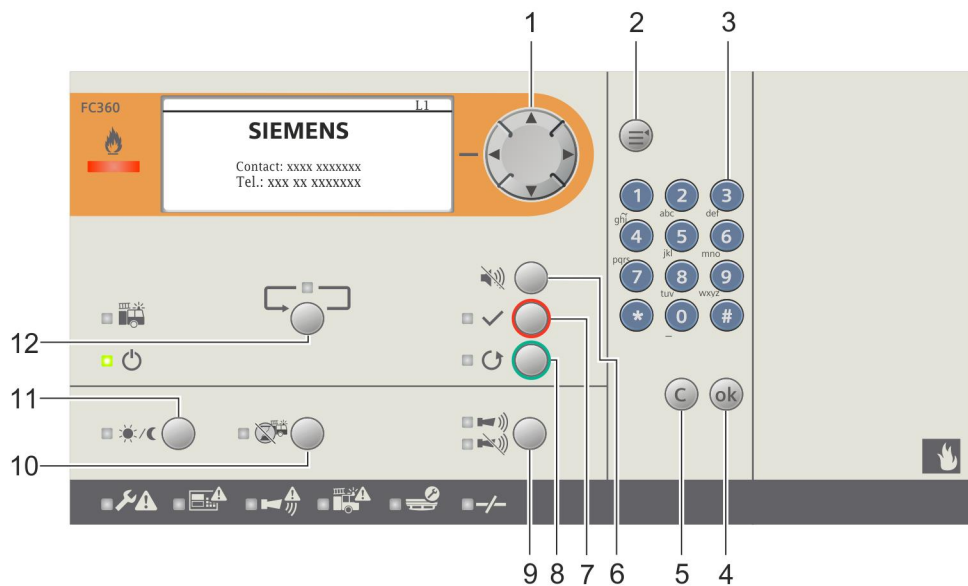
The FC361-xx is ideal for smaller fire detection installations such as those in the following buildings, for example:

- 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.

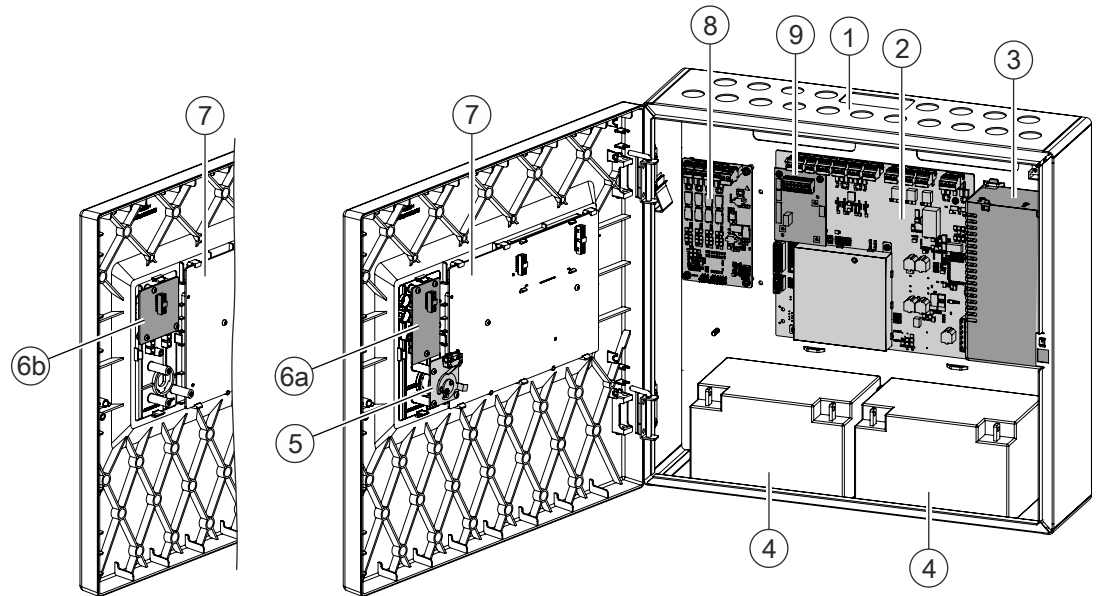
Emergency power supply

- 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 |
|  |  |

Accessories

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) |

| Type | Order number | Designation |
|------------|----------------|-------------------------|
| 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 | — |

| Document ID | Name |
|-------------|---|
| A6V10421795 | Technical Manual of Fire Control Panels FC361-xx |
| 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 |

Technical data

| 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 |

| Connections | |
|-----------------------------|---|
| 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  0786 | FC361-YA / FC361-YZ / FC361-ZA / FC361-ZZ | Siemens Switzerland Ltd, Gubelstrasse 22 CH-6301 Zug, Switzerland 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 | | |

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