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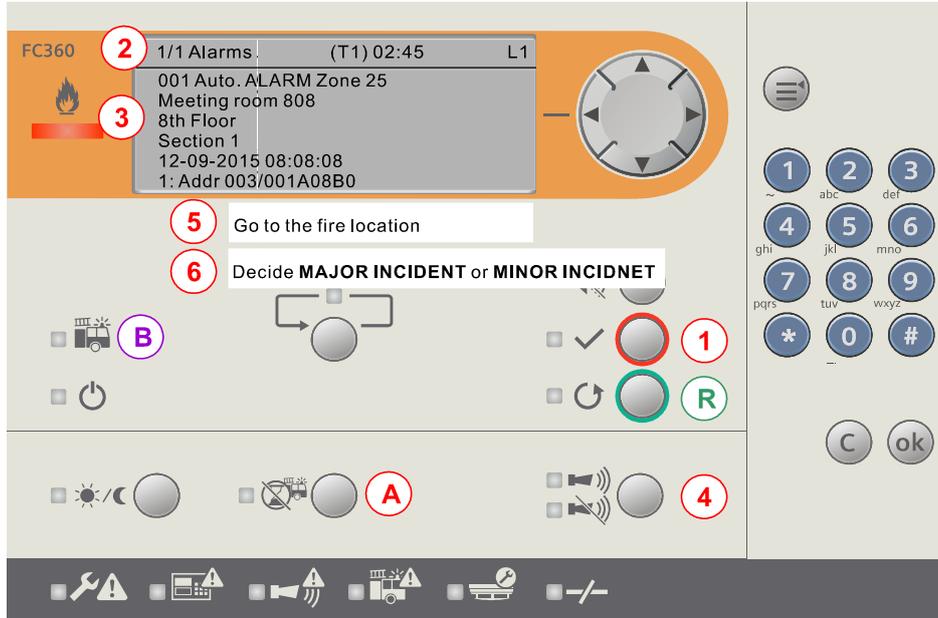www.siemens.com/buildingtechnologies

Operation (short)
FC361   Fire control panel

ALARM Procedure
with Alarm Verification Concept (AVC) – suggested possible procedure – subject to local requirements

FC360   1/1 Alarms.   (T1) 02:45   L1
001 Auto. ALARM Zone 25
Meeting room 808
8th Floor
Section 1
12-09-2015 08:08:08
1: Addr 003/001A08B0

(5) Go to the fire location

(6) Decide **MAJOR INCIDENT** or **MINOR INCIDNET**

	Action / Condition	Consequence / Status
1.	Press ✓ on the PMI. before allowed reaction time (V1) runs out (Password required)	→ Buzzer is turned off, alarm is acknowledged. → Countdown V2 for the investigation of the cause of alarm starts.
2.	Read time of top line right side on the display	→ Remaining time is shown as countdown before Fire Brigade call.
3.	Read fire location on display.	
4.	Optional: press on the Person Machine Interface (password required)	→ Deactivates the acoustic alarm devices. (Reactivation is possible by pressing the button again)
5.	Go to the fire location.	→ Information on the cause of ALARM
6.	**Decide: MAJOR INCIDENT or minor incident.**	→ If required, initiate suitable emergency measures.

MAJOR INCIDENT:

A — Press <alarm delay off> or actuate nearest manual call point.
→ The remote transmission for fire alarm is activated immediately.

B — Look at the LED indicator
● 'On: Fire brigade called'
● Off: 'Call fire brigade!'
(Remote transmission is switched off / not available or defective)

ALARM is transmitted to fire brigade.
→ Fire brigade must be called by phone!
  – No automatic transmission to fire brigade
  – Dial the following no.:

Minor incident:

R — Press to reset the panel. (Password required)
→ Fire detection system is in normal condition unless another event occurs. It may be necessary to vent the room before resetting is possible. Elements that cannot be reset can be switched off temporarily.

Switching off section (Access level 2 or above)

The following example represents a possible operation sequence:

⚠	**WARNING**
	System parts that have been switched off make it impossible to acquire and process alarms or faults!
	Fire may spread unhindered.
	● Deploy staff to monitor the deactivated area.
	● You must switch deactivated parts of the 'Site' back on as soon as possible.

	Step		**Result**
1.	Press the button ≡' to open main menu.	⇒	Main menu L2 1 - System status ▶ 2 - Operation 3 - Event memory 4 - Login 7 - Logout 8 - Query alarm count
2.	Press <▼> to select **'Operation'** and confirm with <▶>.	⇒	Operation L2 1 - Isolation ▶ 2 - Test
3.	Confirm **'Isolation'** with <▶>.	⇒	Isolation L2 1 - Detection ▶ 2 - Sounders 3 - RT outputs 4 - Fire controls 5 - Control output
4.	Confirm **'Detection'** with <▶>.	⇒	Isolation - Detection L2 1 - Section ▶ 2 - Zone
5.	Confirm **'Section'** with <▶>, a list of all sections is displayed.	⇒	Isolation - Section L2 01 Section 1 (ON)▶ 02 Section 2 (ON) T1 Section T1 (ON)
6.	Press <▼> to select a section and confirm with <▶>, a confirmation dialog window is open.	⇒	Do you want to disable Section? Yes(OK) or No(C)
7.	Press <ok> to confirm, the selected section is disabled and the isolation LED is ON.		Isolation - Section L2 01 Section 1 (OFF)▶ 02 Section 2 (ON) T1 Section T1 (ON)

Switching on section (Access level 2 or above)

> **i** ● When there is no event with a higher priority, isolations (switched off) are directly indicated on the display. You may then directly proceed with Step 6 below.

	Step		**Result**

1. Press the button (≡) to open main menu. ⇒

```
Main menu                L2
1 - System status        ▶
2 - Operation
3 - Event memory
4 - Login
7 - Logout
8 - Query alarm count
```

2. Press <▼> to select **'Operation'** and confirm with <▶>. ⇒

```
Operation                L2
1 - Isolation            ▶
2 - Test
```

3. Confirm **'Isolation'** with <▶>. ⇒

```
Isolation                L2
1 - Detection            ▶
2 - Sounders
3 - RT outputs
4 - Fire control
5 - Control output
```

4. Confirm **'Detection'** with <▶>. ⇒

```
Isolation - Detection    L2
1 - Section              ▶
2 - Zone
```

5. Confirm **'Section'** with <▶>, a list of all sections is displayed. ⇒

```
Isolation - Section      L2
01 Section 1        (OFF)▶
02 Section 2        (ON)
T1 Section T1       (ON)
```

6. Press <▼> to select a section and confirm with <▶>, a confirmation dialog window is open. ⇒

```
Do you want to enable
        Section?

   Yes(OK) or No(C)
```

7. Press <ok> to confirm, the selected section is enabled and the isolation LED is OFF.

```
Isolation - Section      L2
01 Section 1        (ON)▶
02 Section 2        (ON)
T1 Section T1       (ON)
```
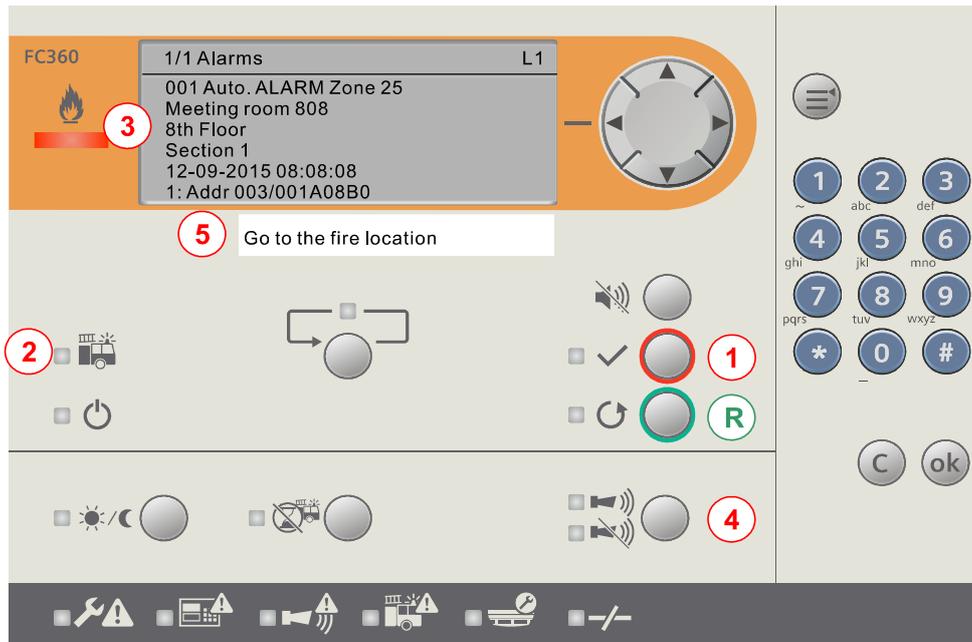
Procedure in case of Fault

Step		**Result**
1.	Press 🔇⚪ on the PMI.	⇒	Buzzer on the panel is switched off.
2.	Read message/fault location on the display.	⇒	Information on type and place of the fault.
3.	Go to the fault location and remedy the cause of the fault.	⇒	When the fault has been eliminated, the system could be acknowledged. The maintenance personnel is called up if the fault dialer is installed.
4.	Press ☑🔴 on the PMI.	⇒	If activated, the local alarm equipment is silenced.
5.	Press ↻🟢 to reset the panel.	⇒	The panel is in normal condition unless an event occur.

If you cannot eliminate the fault, please contact your service provider.

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Operation (short)
FC361   Fire control panel

ALARM Procedure
no Alarm Verification Concept (AVC) – suggested possible procedure – subject to local requirements

Action / Condition	Consequence / Status
1. Press ✓⃝ on the PMI. (Password required)	➔ Buzzer is turned off, alarm is acknowledged.
2. Look at the LED indicator ● 'On: Fire brigade called' ● Off: 'Call fire brigade!' **(**Remote transmission is switched off / not available or defective)	➔ ALARM is transmitted to fire brigade. ➔ Fire brigade must be called by phone! – No automatic transmission to fire brigade – Dial the following no.:
3. Read fire location on display.	
4. During the alarm, optionally press 🔊⃝ on the PMI. (Password required)	➔ Deactivates the acoustic alarm devices. (Reactivation is possible by pressing the button again.)
5. Go to fire location.	➔ Information on the cause of ALARM; if required, initiate required emergency measures and damage limitation.
R Press ↻⃝ to reset the panel. (Password required)	➔ Fire detection system is in normal condition unless another event occurs. It may be necessary to vent the room before resetting is possible. Elements that cannot be reset can be switched off temporarily.

Switching off section (Access level 2 or above)

The following example represents a possible operation sequence:

> ⚠️ **WARNING**
>
> **System parts that have been switched off make it impossible to acquire and process alarms or faults!**
> Fire may spread unhindered.
> - Deploy staff to monitor the deactivated area.
> - You must switch deactivated parts of the 'Site' back on as soon as possible.

	Step		**Result**
1.	Press the button 🗏 to open main menu.	⇒	Main menu L2 **1 - System status ▶** 2 - Operation 3 - Event memory 4 - Login 7 - Logout 8 - Query alarm count
2.	Press <▼> to select **'Operation'** and confirm with <▶>.	⇒	Operation L2 **1 - Isolation ▶** 2 - Test
3.	Confirm **'Isolation'** with <▶>.	⇒	Isolation L2 **1 - Detection ▶** 2 - Sounders 3 - RT outputs 4 - Fire control 5 - Control output
4.	Confirm **'Detection'** with <▶>.	⇒	Isolation - Detection L2 **1 - Section ▶** 2 - Zone
5.	Confirm **'Section'** with <▶>, a list of all sections is displayed.	⇒	Isolation - Section L2 **01 Section 1 (ON)▶** 02 Section 2 (ON) T1 Section T1 (ON)
6.	Press <▼> to select a section and confirm with <▶>, a confirmation dialog window is open.	⇒	Do you want to disable Section? Yes(OK) or No(C)
7.	Press <ok> to confirm, the selected section is disabled and the isolation LED is ON.		Isolation - Section L2 **01 Section 1 (OFF)▶** 02 Section 2 (ON) T1 Section T1 (ON)

Switching on section (Access level 2 or above)

ℹ️ • When there is no event with a higher priority, isolations (switched off) are directly indicated on the display. You may then directly proceed with Step 6 below.

Step		**Result**

1. Press the button 🗐 to open main menu. ⇒

```
Main menu                L2
1 - System status        ▶
2 - Operation
3 - Event memory
4 - Login
7 - Logout
8 - Query alarm count
```

2. Press <▼> to select **'Operation'** and confirm with <▶>. ⇒

```
Operation                L2
1 - Isolation            ▶
2 - Test
```

3. Confirm **'Isolation'** with <▶>. ⇒

```
Isolation                L2
1 - Detection            ▶
2 - Sounders
3 - RT outputs
4 - Fire control
5 - Control output
```

4. Confirm **'Detection'** with <▶>. ⇒

```
Isolation - Detection    L2
1 - Section              ▶
2 - Zone
```

5. Confirm **'Section'** with <▶>, a list of all sections is displayed. ⇒

```
Isolation - Section      L2
01 Section 1        (OFF)▶
02 Section 2        (ON)
T1 Section T1       (ON)
```

6. Press <▼> to select a section and confirm with <▶>, a confirmation dialog window is open. ⇒

```
Do you want to enable
      Section?

   Yes(OK) or No(C)
```

7. Press <ok> to confirm, the selected section is enabled and the isolation LED is OFF.

```
Isolation - Section      L2
01 Section 1        (ON)▶
02 Section 2        (ON)
T1 Section T1       (ON)
```

Procedure in case of Fault

	Step		**Result**
1.	Press 🔇 on the PMI.	⇒	Buzzer on the panel is switched off.
2.	Read message/fault location on the display.	⇒	Information on type and place of the fault.
3.	Go to the fault location and remedy the cause of the fault.	⇒	When the fault has been eliminated, the system could be acknowledged. The maintenance personnel is called up if the fault dialer is installed.
4.	Press ✓ on the PMI.	⇒	If activated, the local alarm equipment is silenced.
5.	Press ↻ to reset the panel.	⇒	The panel is in normal condition unless an event occurs.

If you cannot eliminate the fault, please contact your service provider.