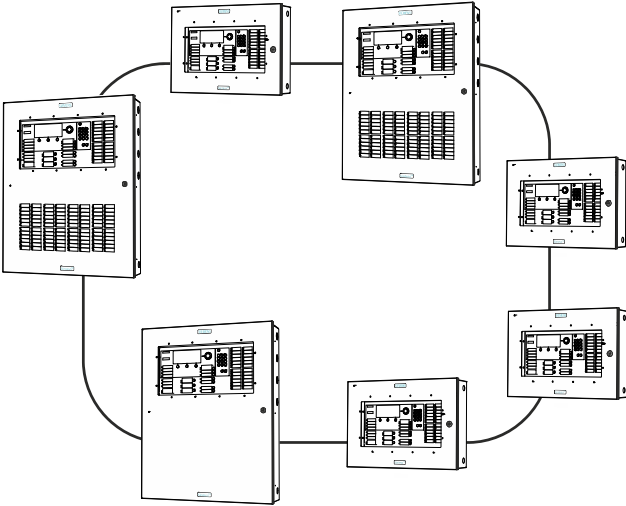


# SIEMENS



## FT2015

### Remote terminal

### Operation Manual

MP-UL 1.0

## Legal notice

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# 1 About this document

## Goal and purpose

This document describes the operation of the remote terminal FT2015 in a fire detection system. The reader shall become familiar with the possible indications and operating functions on the terminal, as well as with the functionality of the terminal in the overall system. This allows the reader to respond appropriately in the event of fire or trouble.

## Scope

This document applies to the remote terminal FT2015, Market package MP-UL 1.0.

## Target groups

The information in this document is intended for the following target groups:

Target group	Activity	Recommended qualification
Operating personnel	<ul style="list-style-type: none"> <li>Carries out procedures to correctly operate the product.</li> </ul>	<ul style="list-style-type: none"> <li>No particular basic training is needed.</li> <li>Has been instructed by the commissioning personnel.</li> </ul>
Commissioning personnel	<ul style="list-style-type: none"> <li>Configures the product at the place of installation according to customer-specific requirements.</li> <li>Checks the product operability and releases the product for use by the operator.</li> <li>Searches for and corrects malfunctions.</li> </ul>	<ul style="list-style-type: none"> <li>Has obtained suitable specialist training for the function and for the products.</li> <li>Has attended the training courses for commissioning personnel.</li> </ul>
Maintenance personnel	<ul style="list-style-type: none"> <li>Carries out all maintenance work.</li> <li>Checks that the products are in perfect working order.</li> <li>Searches for and corrects malfunctions.</li> </ul>	<ul style="list-style-type: none"> <li>Has obtained suitable specialist training for the function and for the products.</li> </ul>

## Document identification

The document ID is structured as follows:

ID\_ModificationIndex\_Language\_COUNTRY

Example: A6V10315023\_a\_en\_US

## Conventions for text marking

### Markups

Special markups are shown in this document as follows:

▷	Requirement for a behavior instruction
⇨	Intermediate result of a behavior instruction
⇒	End result of a behavior instruction
[→ X]	Reference to a page number
'Text'	Quotation, reproduced identically
<Key>	Identification of keys

### Supplementary information and tips



The 'i' symbol identifies supplementary information and tips for an easier way of working.

## 1.1 Applicable documents

Document ID	Title
A6V10333401	System description
A6V10333396	Planning
A6V10333423	Configuration
A6V10333434	Commissioning / Maintenance / Troubleshooting
A6V10333421	Inscription strips
A6V10356958	Fire Alarm Control Panel, Installation Instructions

## 1.2 Technical terms

You will find technical terms and explanations for them in document A6V10333401, in the 'Glossary' chapter. See chapter 'Applicable documents'.

## 1.3 History of changes

The table below shows this document's history of changes:

Modification index	Edition date	Brief description
a	01.2012	First edition MP-UL 1.0

## 1.4 How displays are represented in the document

In the document, the display is sometimes shown in tables.

Deviations between the original and the tables are indicated by means of the examples below:

ABCDE FGHI ABCD: 3	07:55:31
!ABCD: 421 ABC: 32 ABCDEFGHI AAA/BBB	XXX YY ZZZ 3
ABCD: 026 ABC: 75 ABCDE CCC	XXX YY ZZZ 2

*Original display figure*

ABCDE FGHI ABCD: 3	07:55:31
!ABCD: 421 ABC: 32 ABCDEFGHI AAA/BBB	XXX YY ZZZ 3
+ ABCD: 026 ABC: 75 ABCDE CCC	XXX YY ZZZ 2

*Display figure in tables*

The table representation has the following key deviations from the original:

- Font and representation (proportional font, not inverted)
- No frame around selection

## 2 Features

The remote terminal is an indicator and operating unit in a fire detection installation with the following functions:

### Indication of events

- 'ALARM'
  - 'Pre-ALARM'
- 'Trouble'
- 'Bypassed'
- 'Supervisory'

### Operation

- Silence buzzer
- Acknowledge and reset alarms and troubles
- Three buttons configurable with the Engineering tool set.

The display on the remote terminal is synchronized with 'Panels' of the configured visibility and displays the same event texts.



There is a limit on the number of events which can be displayed. You will find details of this in the corresponding chapter.

#### See also

- 📖 Maximum number of events which can be displayed [→ 7]

## 2.1 Maximum number of events which can be displayed

The maximum number of events which can be displayed is limited as follows and depends on the event text length:

Display representation	Max. number (long event texts)
'Extended view'	18
'Standard view '	37



Events are displayed by priority. Once the maximum number of events which can be displayed is reached, events of a higher priority take the place of those of a lower priority in the display.

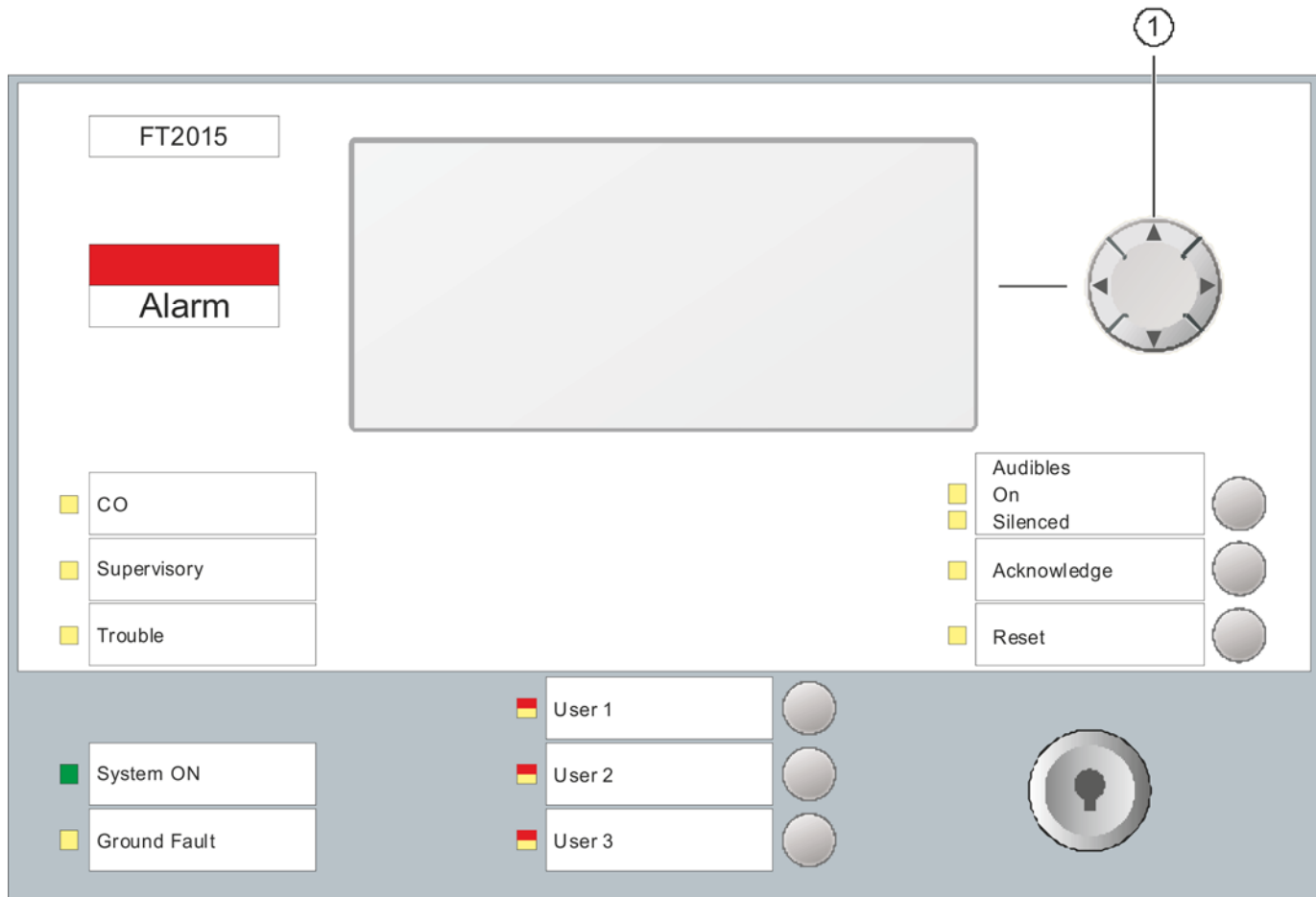
Events which are no longer displayed due to this limit can be listed in full on the control panel.

#### See also

- 📖 Display and scroll through lists [→ 12]

## 3 PMI

The following figure shows the Person Machine Interface of a remote terminal.



*Person Machine Interface of remote terminal*

1 Navigation buttons

### 3.1 Buttons on the PMI

#### Navigation buttons

The navigation buttons work in the same way as the arrow keys on a PC keyboard. With the <▲> and <▼> buttons, the next entry in a list can be scrolled to.

#### <Audibles ON/Silenced>

Deactivates the buzzer.



**<Acknowledge>**

- Confirms all acknowledgeable 'Events'.
- Confirms presence ('AVC', 'IC').
- Deactivates the buzzer.

**<Reset>**

Resets all 'Events' which can be reset.

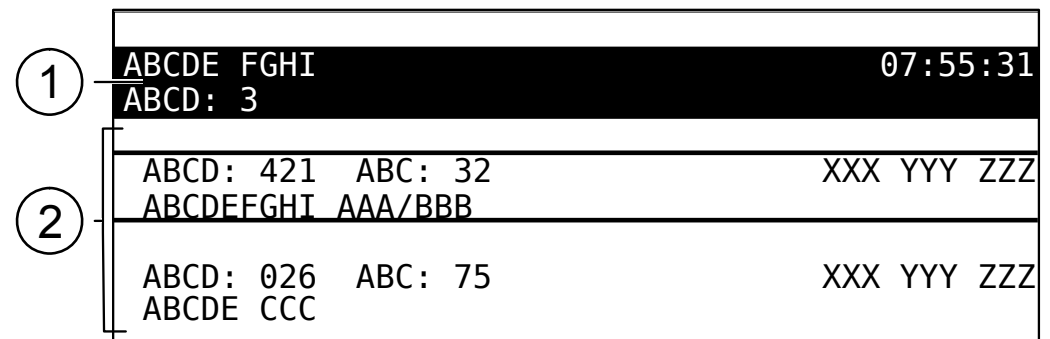
**Configurable buttons**

You can assign e.g. the following functions to the configurable buttons:

- 'Bypass and enable Zones'
- Switch test mode on and off
- Activate and deactivate alarm indicator

## 3.2 Display

The display has two areas:



*Display depiction with two messages displayed*

1 Header

2 Depiction area

## 3.3 Key switch

You can use the key switch to release operation.

The key switch has two positions:

- ON (horizontal position)
- OFF (vertical position)

## 4 Operation

### 4.1 ALARM Procedure

If your fire detection system does not have delayed alarm transmission ('AVC'), the – 'Fire Department in' 'mm:ss' variant doesn't apply to step 2 (see Procedure in the event of alarm).

#### Procedure in the event of alarm

Step	Action / Condition	Consequence / Status
1	<Press <Acknowledge> on the Person Machine Interface	'AVC' starts count-down t2 to investigate the 'ALARM' source
2	<b>Read top line</b> on display	
	– 'Fire Department requested'	'ALARM' is transmitted to the fire department
	– 'Fire Department in' 'mm:ss'	'ALARM' is transmitted to fire department in 'mm:ss' Remaining time is shown as <b>Count-down</b>
	– 'Call Fire Department !' When: <ul style="list-style-type: none"> <li>● Remote transmission switched off</li> <li>● Remote transmission blocked or defective</li> <li>● No remote transmission available</li> </ul>	<b>Fire department must be called by phone!</b> No automatic transmission to fire department
3	Read off <b>fire location</b> in display	
4	<b>Go to the fire location</b>	
5	<b>Decide:</b> MAJOR INCIDENT or minor incident	

Condition	MAJOR INCIDENT	Minor incident
Fire department has been called	<b>Save people</b> <b>Guide the fire department to the fire location</b> <b>Fight the fire</b>	Try to prevent the fire department from being deployed <Press Reset>
'Fire Department in' 'mm:ss' <b>Count-down runs</b>	Activate 'Manual pull station' immediately	<Press Reset>
'Call Fire Department !' No automatic transmission to the fire department	<b>Call the fire department on the phone!</b>	<Press Reset>



To reset, the key switch must be activated.

The room may have to be vented before a reset is possible.

Elements which cannot be reset can be temporarily bypassed on the control panel.

## 4.2 Reset an alarm



Before an alarm can be reset, the alarm message must be acknowledged.  
To reset an alarm, the key switch must be in the horizontal position.  
If the cause of an alarm isn't remedied, another alarm event will occur after resetting.

### Reset alarm

1. Turn key switch to horizontal position.
  - ⇒ Operation enable is set.
2. Acknowledge the alarm message'.
3. Press <Reset>.
  - ⇒ 'ALARM' is reset.
  - ⇒ Remote terminal is in quiescent condition if there are no other messages.

## 4.3 Procedure in case of trouble

Step	Action
1	<Press Audibles ON/Silenced> on Person Machine Interface
2	<b>Read message/trouble location</b> on the display
3	<Press <Acknowledge> on the Person Machine Interface
5	<b>Go to the trouble location</b>
6	<b>Eliminate the cause of the trouble</b>



If you cannot eliminate a 'Trouble', please contact your service provider.

### 'Trouble' and 'Intervention Concept' (IC)

On consideration of 'Intervention Concept', events of the 'Trouble' category can be assigned their own sequence. This sequence may be configured differently and depends on the 'Occupied operation' / 'Unoccupied operation' operation mode.  
An exemplary process following a 'Trouble', taking in account 'Intervention Concept', is outlined below:

#### 'Trouble' has occurred.

- 'Unoccupied operation' operation mode
  - Remote transmission for 'Troubles' is activated.
- 'Occupied operation' operation mode
  - The remote transmission for 'Trouble' is activated unless " is acknowledged within the delay t1.

**'Trouble'**

1. Press <Acknowledge> before the expiry of t1.  
⇒ The local alarming equipment is immobilized.
2. Read the 'Trouble' location off the display.
3. Go to the 'Trouble' location.
4. Remedy the 'Trouble'.

## 4.4 Display and scroll through lists

'Events' and statuses from the configured visibility of the remote terminal are displayed in lists.

If a list contains several 'Events', you can use the navigation keys to scroll to the next item in the list. The highlighting also switches to the next 'Event'.

### 4.4.1 Show ALARM list

In the event of an 'ALARM', the 'ALARM' list is displayed automatically.

If the 'ALARM' list contains several 'ALARMS', you can use the navigation keys to scroll to the next item in the list.

The figure below shows a sample alarm event':

Fire Department requested			
001 ALARM			
Man. FIRE ALARM	Zone		1
Zone 1			

---

*Alarm event*

---

## 5 Maintenance

Please adhere to the local provisions.

No maintenance work is required.

### **Cleaning the Person Machine Interface**

To clean the Person Machine Interface, use a damp cloth. Do not use cleaning or abrasive agents or solvents.

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