

Sinteso™ / Cerberus™ PRO

## Floor repeater terminal, floor repeater display

FT2010-A1, FT2010-C1, FT2011-A1



FDnet/C-NET operating devices for the fire detection systems Sinteso™ FS20 and Cerberus™ PRO FS720.

- Communication and power supply via FDnet/C-NET
- External, electrically isolated AC/DC supply possible
- Two-wire installation for all cable types
- Large backlit display with plain text display
- FC2020/FC721/FC722: Up to **8** floor repeater terminals and floor repeater displays can be connected
- FC2040/FC724: Up to **16** floor repeater terminals and floor repeater displays can be connected
- FC2030/FC723: Up to **24** floor repeater terminals and floor repeater displays can be connected
- FC2060/FC2080/FC726: Up to **50** floor repeater terminals and floor repeater displays can be connected
- The same message layout as with the standard Person Machine Interface
- Flat, well-designed housing suitable for the stations of the fire detection systems

### FT2010 floor repeater terminal



FT2010-A1  
(with nordic key)



FT2010-C1  
(with Kaba key and flat rear panel)

- Display and operation of sections and zones within a building
  - Individual configuration of the sections and zones to be operated and displayed via the floor repeater terminal
  - Possible to display alarms, pre-alarms, technical messages, faults, isolations from the entire system
  - Acknowledgement and resetting of events
  - Event text identical to the fire control panels FC20xx/FC72x and the fire terminals FT2040/FT724
  - Navigation button to scroll through menus and messages in the display
  - Clear and well-laid-out user interface for customer-specific plain text messages to enable clear localization of events
  - Enabling of access level 2.2 with the key switch
  - Starting the investigation time and resetting the alarm during the investigation time
  - Power supply possible via FDnet/C-NET or via external, electrically isolated AC/DC power supply\*
  - Integrated line separator
  - Insertable inscription strips
- \* EN54-4 conformity not required

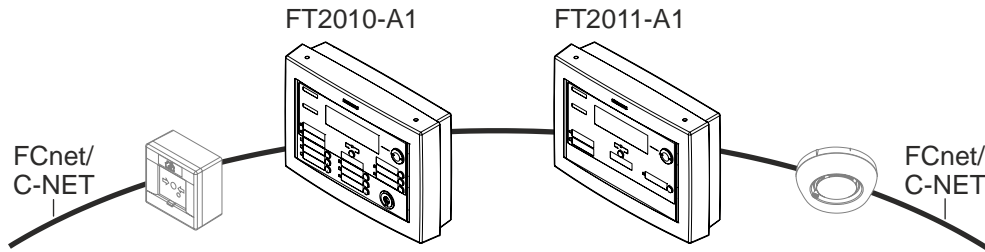
### FT2011 floor repeater display



FT2011-A1

- Display of sections and zones within a building
  - Individual configuration of the sections and zones to be displayed via the floor repeater display
  - Possible to display alarms, pre-alarms, technical messages, faults, isolations from the entire system
  - Event text identical to the fire control panels FC20xx/FC72x and the fire terminals FT2040/FT724
  - Navigation button to scroll through messages in the display
  - In the event of alarm messages, the internal buzzer can be deactivated
  - Power supply possible via FDnet/C-NET or via external, electrically isolated AC/DC power supply\*
  - Integrated line separator
  - Insertable inscription strips
- \* EN54-4 conformity not required

The floor repeater terminals and floor repeater displays are FDnet/C-NET devices and can be operated in loops or in stub lines.



**FT2010**

The FT2010 floor repeater terminal is installed remotely from the fire control panel, e.g., on one floor, and is used to display events and operate fire detection functions locally.

**FT2011**

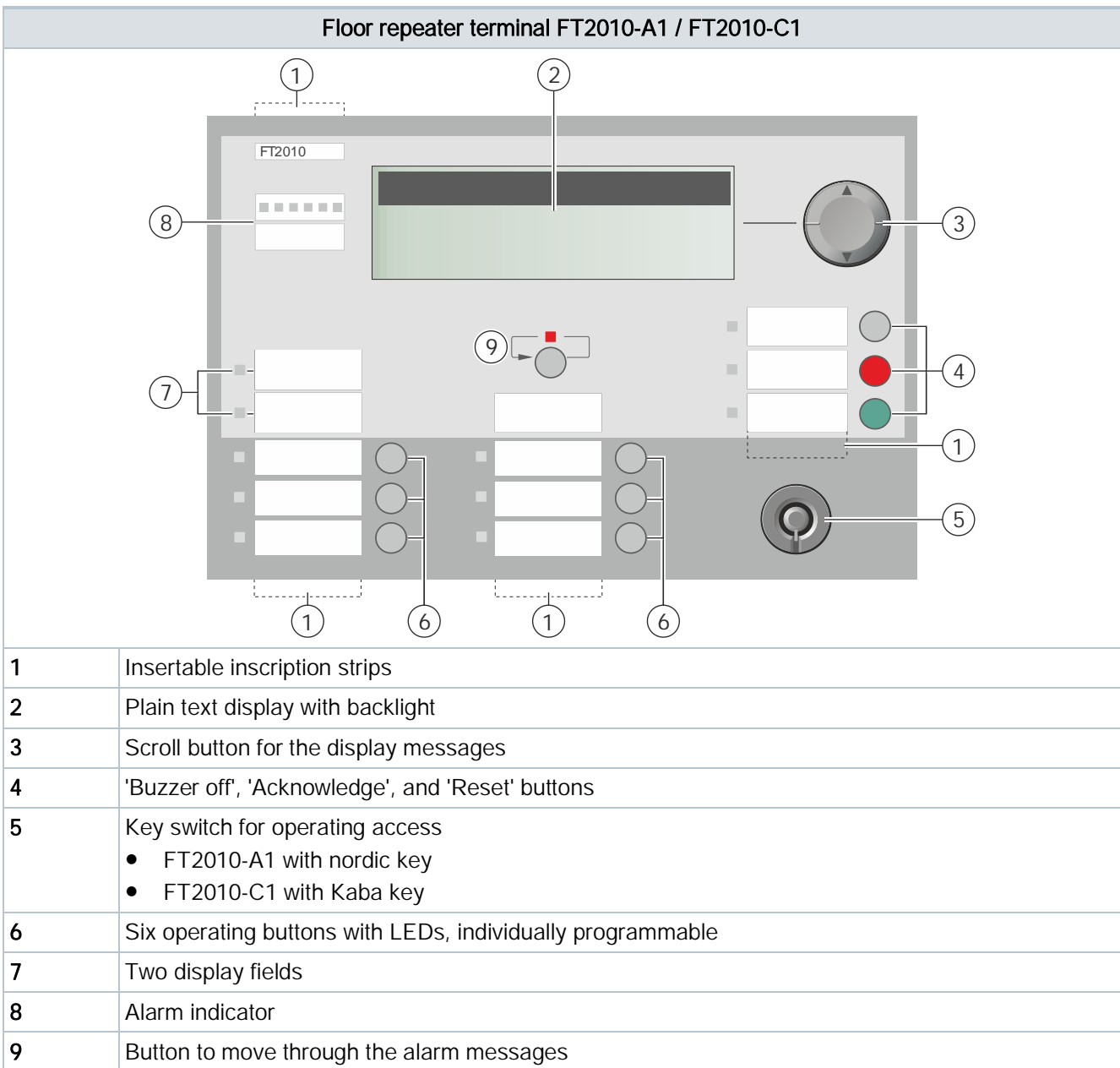
The FT2011 floor repeater display is installed remotely from the fire control panel, e.g., on one floor, and is used to display events locally.

**Application matrix**

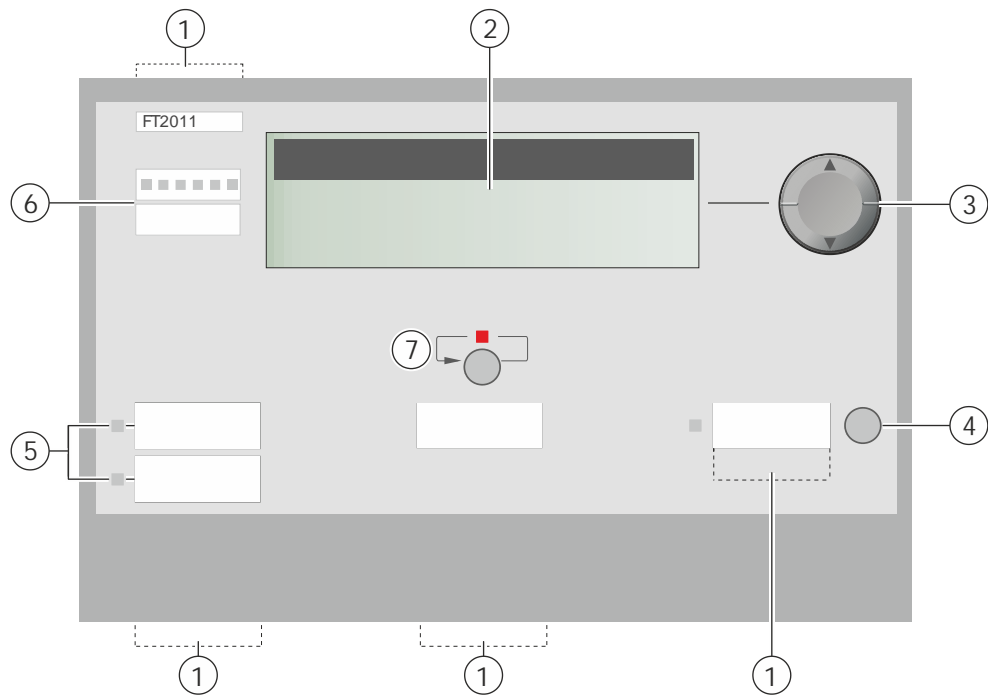
Use	FT2010	FT2011
Operation on the FDnet/C-NET detector line	•	•
<b>Display</b> of local and system-wide events and messages	•	•
<b>Operation</b> of local fire detection functions	•	–

- Possible
- Not possible

Indication and operating elements






## Floor repeater display FT2011-A1



1	Insertable inscription strips
2	Plain text display with backlight
3	Scroll button for the display messages
4	'Buzzer off' button
5	Two display fields
6	Alarm indicator
7	Button to move through the alarm messages

## Type Overview

	FT2010-A1	FT2010-C1	FT2011-A1
			
Designation	Floor repeater terminal		Floor repeater display
Order number	A5Q00014104	S54400-F34-A1	A5Q00017706
Nordic key switch	•	–	–
Kaba key switch	–	•	–

- Included
- Not included

## Details for ordering

Type	Designation	Weight	Order number
FT2010-A1	Floor repeater terminal	0.831 kg	A5Q00014104
FT2010-C1	Floor repeater terminal with flat rear panel	1.103 kg	S54400-F34-A1
FT2011-A1	Floor repeater display	0.779 kg	A5Q00017706

## Product documentation

Document ID	Title
008836	FS20 Fire Detection System - System Description
008837	FS20 Fire detection system - Product Data
008838	Operation Manual Fire control panel / Fire terminal FC20xx / FT2040
008843	FS20 Fire detection system - Planning
009052	FS20 Fire detection system - Commissioning, Maintenance, Troubleshooting
009078	FS20 Fire detection system - Configuration
A6V10210355	FS720 Fire detection system - System Description
A6V10210362	FS720 Fire detection system - Planning
A6V10210368	FS720 Fire detection system - Product Data
A6V10210416	FS720 Fire detection system - Commissioning, Maintenance, Troubleshooting
A6V10210424	FS720 Fire detection system - Configuration
A6V10211076	Operation Manual Fire control panel / Fire terminal FC72x / FT724

Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

<http://siemens.com/bt/download>

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.

FT2010-A1 / FT2010-C1 / FT2011-A1	
<b>Supply via FDnet/C-NET</b>	
Designation	'LINE+', 'LINE-'
Operating voltage	DC 16...33 V
Power consumption:	
• Without external supply	4...40 mA
• With external supply	Max. 5 mA
<b>External supply</b>	
Designation	'AC+', 'AC-'
External supply input:	
• DC	20...30 V, electrically isolated, EN54-4 conformity not required
• AC	15...18 V, electrically isolated, EN54-4 conformity not required
Power consumption	10...50 mA
<b>Connections</b>	
Design	Screw terminals
Conductor cross section	0.08...1.5 mm <sup>2</sup>
<b>Key figures</b>	
Address connection factor	1
Quiescent current connection factor:	
• Without external supply	20
• With external supply	20
Maximum current connection factor:	
• Without external supply	160
• With external supply	20
↑ Separator connection factor	1
<b>Interfaces</b>	
Communication protocol	FDnet/C-NET
<b>Ambient conditions</b>	
Operating temperature	-8...+42 °C
Storage temperature	-20...+60 °C
Air humidity (no condensation permitted)	≤95 % rel.
Max. application height	4000 m above sea level



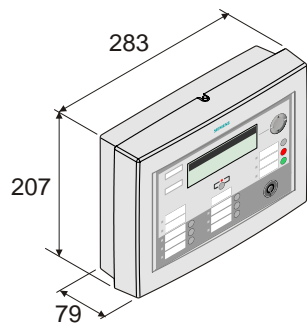
FT2010-A1 / FT2010-C1 / FT2011-A1	
<b>Mechanical data</b>	
Dimensions (W x H x D):	
• FT2010-A1; FT2011-A1	283 x 207 x 79 mm
• FT2010-C1	283 x 207 x 45 mm
Protection category (IEC 60529)	IP30
Color	~RAL 7035 light gray
<b>Standards and approvals</b>	
Standards	EN 54-17, EN 54-18, EN 54-4, EN 60950
Approvals:	
• VdS	G208011 / - / G208011
• LPCB	126bp/02 / - / 126bp/03

08  0786	<b>FT2010-A1 / FT2010-C1</b>	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008837, A6V10210368
		FT2010/FT2011 - Input/output device incl. short-circuit isolator in fire detection and fire alarm systems installed in buildings.
		305/2011/EU (CPR): EN 54-17 / EN 54-18 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581
		The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or <a href="https://siemens.com/bt/download">https://siemens.com/bt/download</a>
		DoP No.: 0786-CPR-20377; DoC No.: CED-FT2010-FT2011

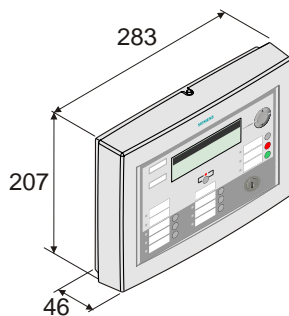
09  0786	<b>FT2011-A1</b>	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008837, A6V10210368
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		DoP No.: 0786-CPR-20377; DoC No.: CED-FT2010-FT2011

## Dimensional drawings

Floor repeater terminal FT2010-A1



Floor repeater terminal FT2010-C1



Floor repeater display FT2011-A1

