

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

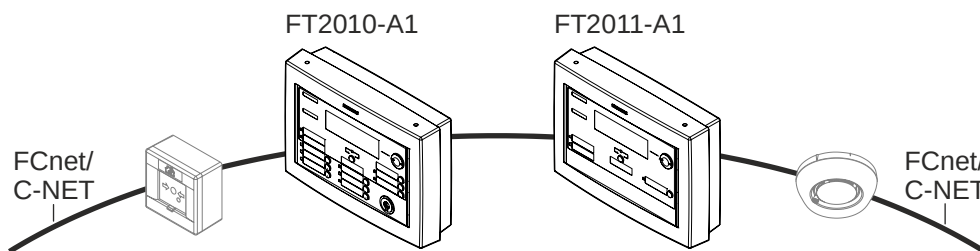
FT2011 floor repeater display



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

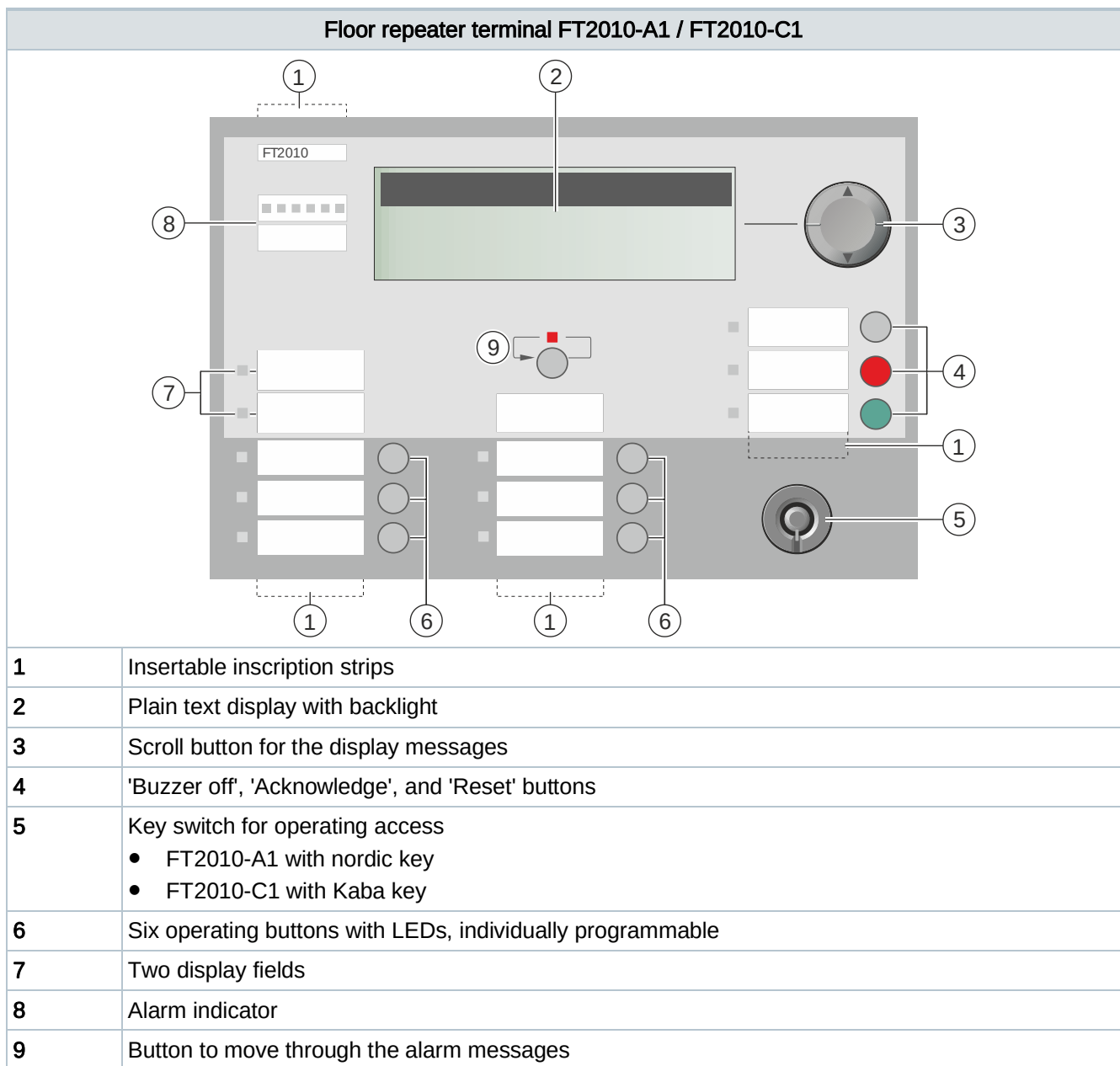
The FT2011 floor repeater display is installed remotely from the fire control panel, e.g., on one floor, and is used to display events locally.

Application matrix

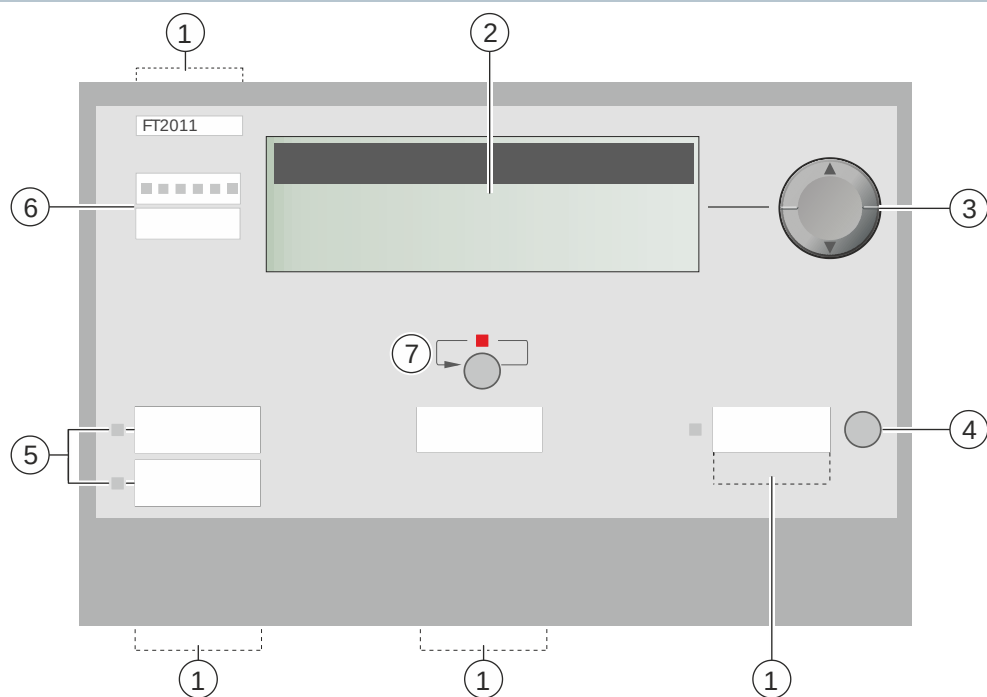
Use	FT2010	FT2011
Operation on the FDnet/C-NET detector line	•	•
Display of local and system-wide events and messages	•	•
Operation of local fire detection functions	•	—

- 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	
Supply via FDnet/C-NET	
Designation	'LINE+', 'LINE-'
Operating voltage	DC 16...33 V
Power consumption:	
• Without external supply	4...40 mA
• With external supply	Max. 5 mA
External supply	
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
Connections	
Design	Screw terminals
Conductor cross section	0.08...1.5 mm ²
Key figures	
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
Interfaces	
Communication protocol	FDnet/C-NET
Ambient conditions	
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

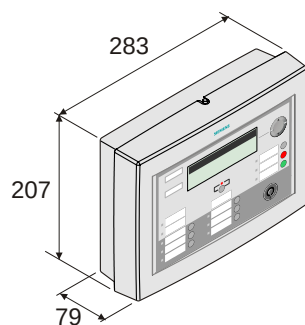
FT2010-A1 / FT2010-C1 / FT2011-A1	
Mechanical data	
Dimensions (W x H x D):	
• FT2010-A1; FT2011-A1	283 x 207 x 79 mm
• FT2010-C1	283 x 207 x 45 mm
Protection category (IEC 60529)	IP30
Color	~RAL 7035 light gray
Standards and approvals	
Standards	EN 54-17, EN 54-18, EN 54-4, EN 60950
Approvals:	
• VdS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

08  0786	FT2010-A1 / FT2010-C1		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 https://siemens.com/bt/download		
	DoP No.: 0786-CPR-20377; DoC No.: CED-FT2010-FT2011		

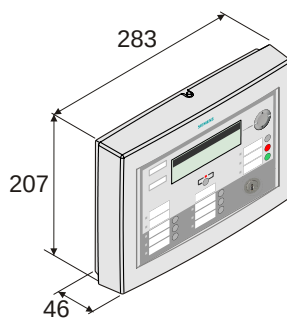
09  0786	FT2011-A1		Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008837, A6V10210368
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Dimensional drawings

Floor repeater terminal FT2010-A1



Floor repeater terminal FT2010-C1



Floor repeater display FT2011-A1

