

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

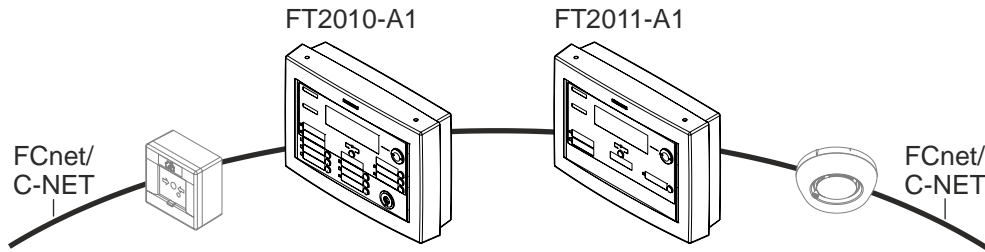
Power supply possible via FDnet/C-NET or via external, electrically isolated AC/DC power supply\*

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.

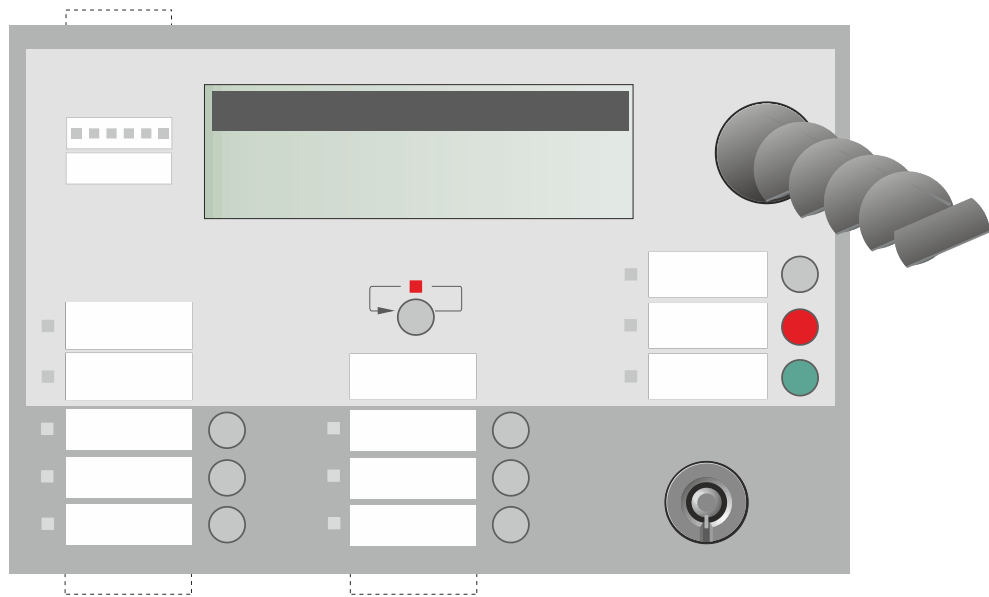
**Application matrix**

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

Floor repeater terminal FT2010-A1 / FT2010-C1





## 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

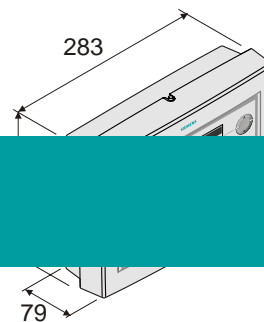
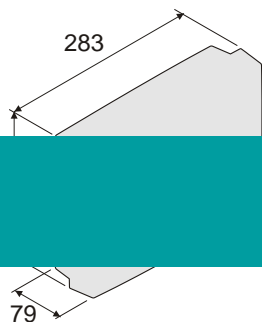
09  0786	<b>FT2011-A1</b>	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008837, A6V10210368
		FT2010/FT2011 - Input/output device incl. short-circuit isolator in fire detection and fire alarm systems installed in buildings.
		305/2011/EU (CPR): EN 54-17 / EN 54-18 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581
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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



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