

Fire terminal (Touch)

FT2080



The fire terminal (Touch) FT2080 is an EN-54-2-compliant indication and operating unit.

- Optimized touchscreen operation with 12" color display with 1280 x 800 pixels
- Integrated front panel with country-specific layout
- System-wide operation and display possible from one location
- Clear presentation of the system status
- Grouping of events according to categories
- Up to 9 events can be viewed simultaneously in one event list
- Details and context-sensitive commands for the selected event
- Operation via PC with SintesoView
- Separate indicator field and Person Machine Interface with LEDs and softkeys
- Several operating terminals with redundant responsibility transfer possible
- Compatible with optional accessories for FS20 operating terminal
- For installation in Siemens wall housing, 19" racks and desktop housing
- EMC-protected with additional rear panel for any housings

Properties

The FT2080 is installed in a Station with 12" touchscreen and a separate, country-specific indication and operating unit. Special housings for installation in a desk or console are available. If installing in a separate empty housing, the fire terminal board FTI2001-A1 is additionally required for connecting to a power supply.

The fire terminal (Touch) FT2080 is based on the PMI & mainboard FCM2027-A1 and, in the international version, has not only the touchscreen but also the front panel (Touch) for a display and operating function in accordance with EN 54-2.

- Convenient touchscreen operation
- 12" color touchscreen with 1280 x 800 pixels
- Integrated front panel (Touch) indication panel and Person Machine Interface with country-specific layout
- 3 slots for serial connections (RS232 module or RS485 module)
- 2 slots for network module (SAFEDLINK)
- Ethernet connection
- For installation in Siemens wall housing, 19" racks and desktop housing
- EMC-protected with additional rear panel for any housings
- With adapter for supply connection to FC2080 via peripheral data bus

Use

The fire terminal (Touch) can be installed in the following housings:

- Siemens wall housing (standard) FH2002-A1 ¹
- Desktop housing ¹
- 19" pedestal housing of the FC2080

¹ In these housings, the fire terminal board FTI2001 must be installed as well for the power distribution.

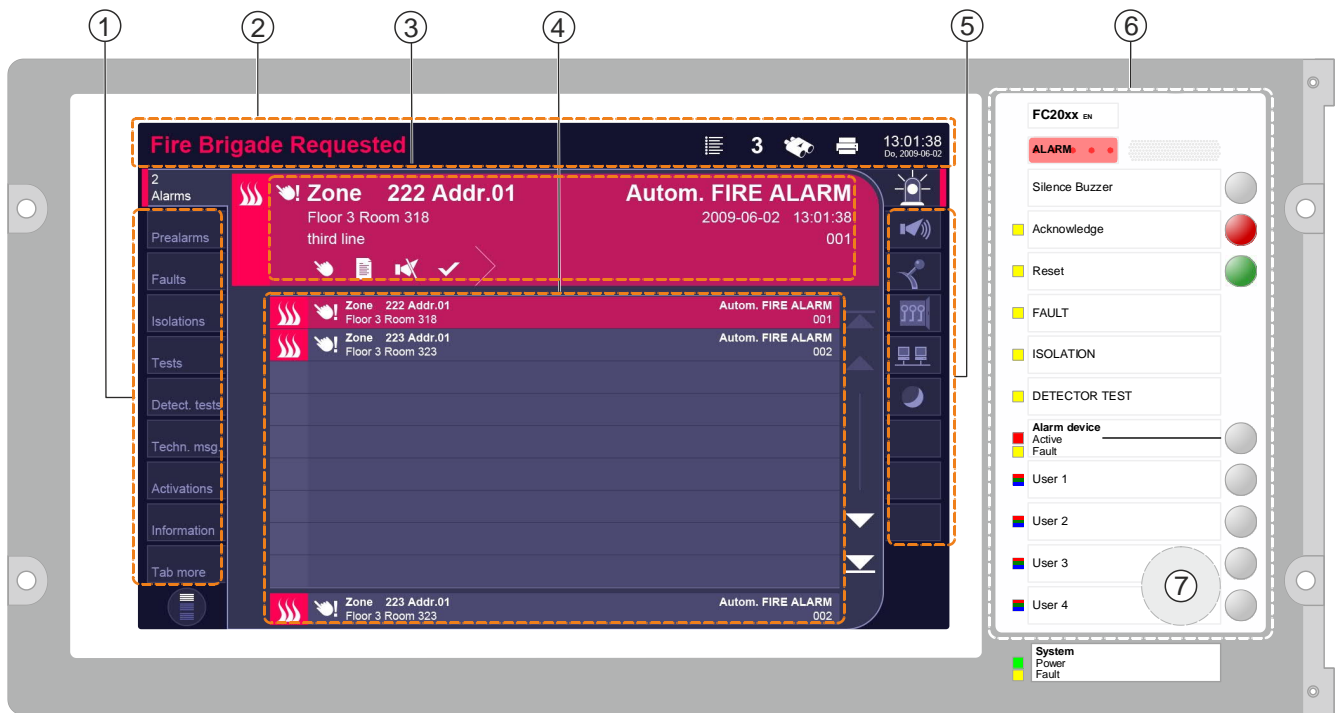
When it is installed in the FC2080, the fire terminal (Touch) is supplied with power by the processor unit via the adapter supplied with the FC2080 and the associated flat cable.

Functions

Fast system access and intervention on site

- Fast system access
 - Terminals can be installed directly in the work environment of safety personnel and save them having to travel to the control panel
- Fast access to all functions, e.g.:
 - Alarm operation
 - Zone isolation
 - Error intervention
- An overview of all event thanks to the clear presentation of the system status
- Real-time access to information enables fast intervention
- Grouping of events into categories for simple selection of information
- Context-sensitive user guidance enables quick orientation and immediate reaction to events

Functional areas on the Person Machine Interface



Functions in the fire detection system are displayed and can be accessed on the fire terminal (Touch) in the following areas:

- 1 List tabs
 - Overview and selection of the event lists
 - Sub-division of the tabs according to event type, e.g., alarms or faults
- 2 General status bar and toolbar
 - Status information and system time
 - General operation elements, such as the main menu, logging in and out, topology tree, language, printing, list entries, favorites, help, and element search
- 3 Single event with event command bar
 - Display of the properties of the selected event with event command bar
- 4 Event list
 - List of pending messages for the selected event category
 - Display of the last alarm
- 5 System tabs
 - Overview and selection of the event lists
 - Sub-division of the tabs according to messages about system functions, e.g., remote transmission or acoustic signals
- 6 Front indicator (Touch)
 - EN 54-2-compliant display and operating unit
- 7 Key switch (optional)
 - Simple enabling of the access level

FT2080-A1 fire terminal (Touch)

Order number: S54400-C120-A1








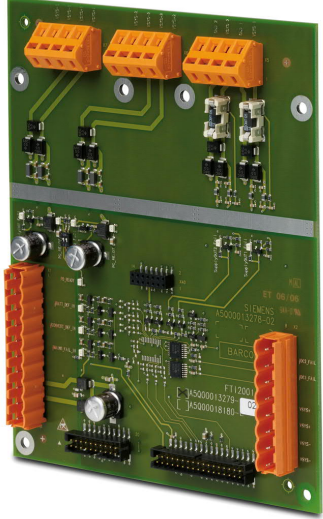
Accessories

For installation on FT2080-A1:

Type	Designation	Order number	Weight [kg]
FN2001-A1	Network module (SAFEDLINK)	A5Q00012851	0.077
FCA2001-A1	RS232 module (isolated)	A5Q00005327	0.068
FCA2002-A1	RS485 module (isolated)	A5Q00009923	0.067
FCA2033-A1	License key (S1)	S54400-P154-A1	0.010
FCA2034-A1	License key (S2)	S54400-P155-A1	0.010
FCA2035-A1	License key (S3)	S54400-P156-A1	0.010
FTO2006-B1	Key switch (nordic)	A5Q00010129	0.078
FTO2005-C1	Key switch (Kaba)	A5Q00010113	0.136
FP2015-A1	Power supply (70 W)	S54400-B121-A1	0.576
FA2003-A1	Battery (12 V / 7 Ah / VdS)	A5Q00019353	2.450

Device combinations

FC2080	FH2002-A1	FHA2040-A1
<p>Fire control panel (19", modular) in the 19" industrial housing. Installation of FT2080 possible in door.</p>	<p>Housing (Standard) for wall mounting with FT2080. Contains FHA 2002 rear panel (Standard).</p>	<p>Desktop housing (FT2080) with built-in universal EMC filter for console or wall mounting with FT2080</p>
<p>Not a Siemens part</p>	<p>A5Q00018931</p>	<p>S54400-F119-A1</p>
		

FHA2039-A1	FP2015-A1	FT12001-A1
Rear cover (FT2080) with built-in universal EMC filter for desktop installation or as EMC-protected housing for installation in a third-party product with FT2080	Power supply (70 W) for installation in housing (Standard) FH2002-A1	Fire terminal board for connection to the power supply in the Siemens wall and desktop housing
S54400-B133-A1	S54400-B121-A1	S54400-A181-A1
		


Document ID	Title
008836	System description
008837	Product data
008843	Planning
008851	Mounting/Installation
A6V10380629	Operation FT2080
A6V10380636	Brief operation FT2080

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

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

Technical data

Supply input	Voltage	DC 20...30 V
	Quiescent current (display illumination dimmed 15%)	390 mA
	Maximum current (display illumination 100% and lamp test active)	700 mA
Display	Screen size	12"
	Resolution	1280 x 800 pixels
Interfaces	2x slots for serial modules	<ul style="list-style-type: none"> • RS232 module for event printer • RS485 module for ESPA-4.4.4 interface, FAT, FBF, UGA or remote EVAC-NL operation
	2x slots for network modules (SAFEDLINK)	<ul style="list-style-type: none"> • Full functionality incl. degraded mode function • Degraded mode function only
	1x Ethernet connection RJ45	10/100 Mbit/s
	1x connection for peripheral data bus	X400
Ambient conditions	Operating temperature	-8...+42 °C
	Storage temperature	-20...+60 °C
	Moisture, condensation not permitted	Max. 95 % rel.
	Protection category (IEC60529)	IP30
Mechanical data	Dimensions (W x H x D)	427 x 200 x 25 mm
	Weight without options	<ul style="list-style-type: none"> • FT2080-A1: 2.544 kg
	Color	Foil: ~RAL9010 Pure white, ~RAL9006 White aluminum
Standards and approvals	VdS	G215024

14 	FT2080-A1 / FT2080-C2	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. 008836
	FT2080 - Control and Indicating Terminal for use in fire detection and fire alarm systems installed in buildings.	
2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2014/35/EU (LVD): EN 60950-1 ; 2011/65/EU (RoHS): EN 50581		
The declared conformity can be seen in 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		
DoC No.: CED-FT2080		