

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 representation of the system status
- Grouping of events by category
- Up to 9 events are visible at the same time in an event list
- Details and context-sensitive commands for the selected event
- Operation via PC with SintesoView
- Separate indication panel and Person Machine Interface with LEDs and softkeys
- Several operating terminals with redundant transfer of responsibility possible
- Compatible with optional accessories for FS20 operating terminals
- 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

Quick system access and local intervention

- Fast system access
 - Terminals can be installed in the immediate vicinity of the safety personnel, saving them having to walk to the control panel
- Quick access to all functions, e.g.
 - Alarm operation
 - Zone isolation
 - Error intervention
- All events can be seen at a glance thanks to the clear display of the system status
- Real-time access to information permits rapid intervention
- Events are grouped into categories for easy selection of information
- Context-sensitive user guidance allows rapid orientation and immediate response to events

Function areas on the Person Machine Interface



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

- 1 List tabs
 - Overview and selection of the event lists
 - Subdivision of the tabs according to event type, e.g. alarms or faults
- 2 General status line and toolbar
 - Status information and system time
 - General controls such as main menu, login/logout, topology tree, language, print, list entries, favorites, help and element search
- 3 Individual event with event command bar
 - Display of properties of the selected event with event command bar
- 4 Event list
 - List of active messages in the selected event category
 - Display of the last alarm
- 5 System tabs
 - Overview and selection of the event lists
 - Subdivision of the tabs according to messages relating to system functions, e.g. remote transmission or acoustic signals
- 6 Front indicator (Touch)
 - EN54-2-compliant indicator and operating unit
- 7 Key switch (optional)
 - Easy release of access level

FT2080-A1 fire terminal (Touch)

Order number: S54400-C120-A1






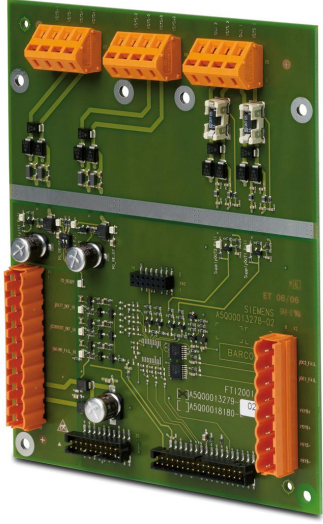
Accessories

For installation on FT2080-A1:

Type	Designation	Order number	Weight
FN2001-A1	Network module (SAFEDLINK)	A5Q00012851	77 g
FCA2001-A1	RS232 module (isolated)	A5Q00005327	68 g
FCA2002-A1	RS485 module (isolated)	A5Q00009923	67 g
FCA2033-A1	License key (S1)	S54400-P154-A1	10 g
FCA2034-A1	License key (S2)	S54400-P155-A1	10 g
FCA2035-A1	License key (S3)	S54400-P156-A1	10 g
FTO2006-B1	Key switch (nordic)	A5Q00010129	78 g
FTO2005-C1	Key switch (Kaba)	A5Q00010113	136 g
FP2015-A1	Power supply (70 W)	S54400-B121-A1	0.576 kg
FA2003-A1	Battery (12 V / 7 Ah / VdS)	A5Q00019353	2.450 kg

Device combinations

FC2080	FH2002-A1	FHA2040-A1
<p>Fire control panel (19", modular) in 19" industrial housing. Installing FT2080 in a door is possible.</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 or panel or wall mounting with FT2080</p>
<p>Part is not ordered from Siemens</p>	<p>A5Q00018931</p>	<p>S54400-F119-A1</p>
		

FHA2039-A1	FP2015-A1	FTI2001-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 connecting to the power supply in the Siemens wall and desktop housings
S54400-B133-A1	S54400-B121-A1	S54400-A181-A1
		

Product documentation


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

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
	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 Switzerland Ltd; Gubelstrasse 22 CH-6301 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 http://siemens.com/bt/download			
DoC No.: CED-FT2080			

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