# SIEMENS

FT724

Cerberus™ PRO

Fire terminal

for fire control panels of the series FS720 (IP5)

CE

- **System operation and indication**
- **Large backlit display (8 lines of 40 characters each)**
  - **Plain text display with two lines of information per alarm event**
  - **Context-sensitive soft keys**
  - **Additional spontaneous display of location-specific reaction texts can be stored**
  - **Several events are displayed simultaneously**
- **Convenient, context and status-sensitive operation via soft keys**
- **Operating and indication elements in functional groups and ergonomically arranged**
- **Different operating levels depending on user profile**
- **Operating access via password or optional key switch for operation of the entire system**
- **Several operator terminals are possible for each fire detection system**
- **Optional accessories such as parallel display, power supply, serial ports and key switches**

Building Technologies

Up to 32 fire control panels und fire control terminals can be connected in a single cluster (C-WEB/SAFEDLINK) or up to 16 stations when the cluster is connected to a danger management system.
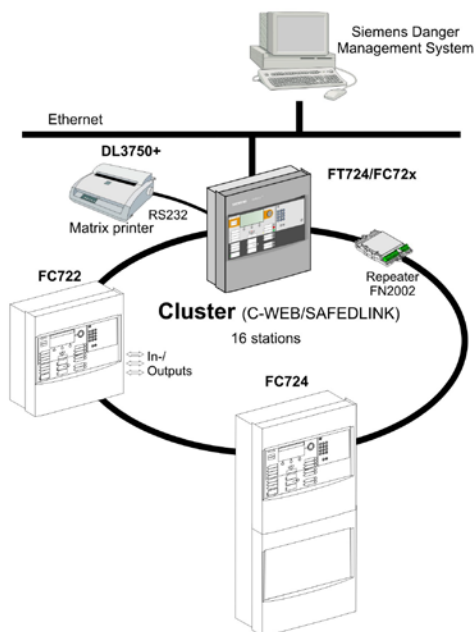
Using a fiber-optic Backbone (C-WEB/LAN) up to 14 of the above mentioned clusters (with up to 16 stations each) can be networked. The entire network may contain up to 64 stations.
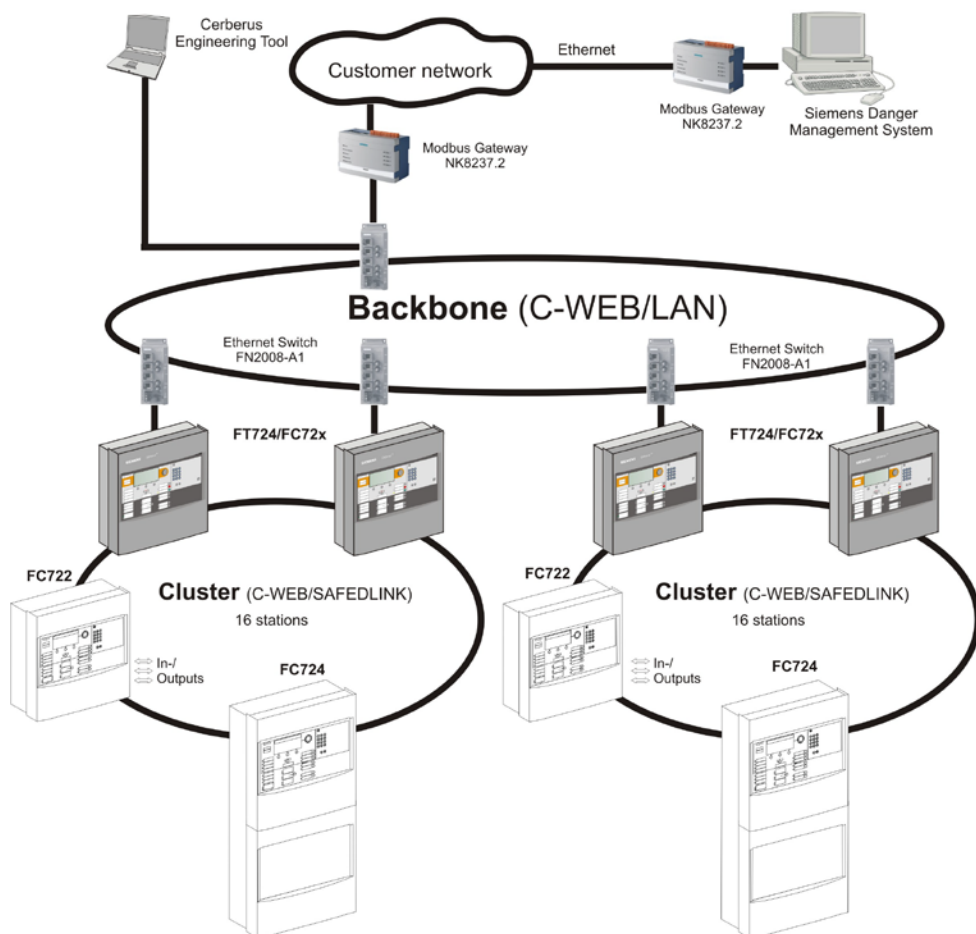
Function characteristics

– The FT724 fire terminal is an operating panel remote from the central control panel that can be operated with its own power supply as well, as an option.
– The operating unit has installation slots for optional interfaces such as RS232, RS485, networking modules (SAFEDLINK) and a key switch.
– Each station has an Ethernet connection
– The high-performance C-WEB makes it possible to network up to 64 fire control panels FC722/724 and fire terminals FT724 together as required.
– Max. 5 fire terminals with system wide view programmable
– Connection of Siemens Danger Management System

➜ For details about system networking, please refer to product data sheet A6V10227649.

Functional elements

Operating unit
The following are located on the operating unit:
– CPU module and the electronics for the operating unit
– Ethernet connection
– Slots for RS232, RS485 modules and networking modules (SAFEDLINK)
– Space for 'Kaba' or 'Nordic' key switch

Fire terminal board
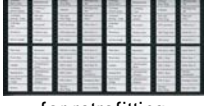The following are located on the fire terminal board:
– Connection terminals for internal power supply, for the 24 V supply from the control panel and for the external 24 V power source
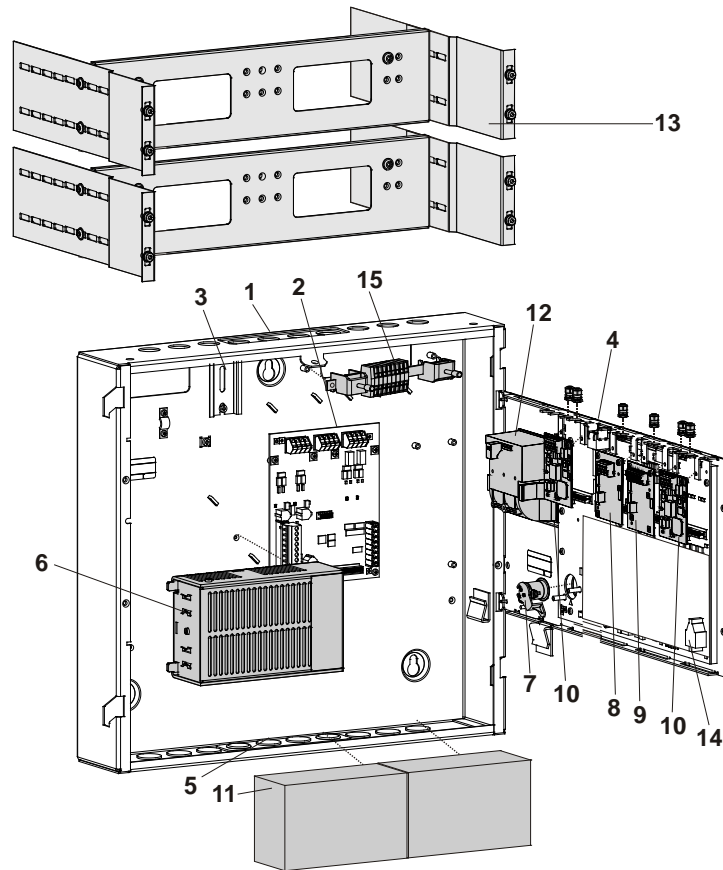
Housing
The housing has space for a 70 W power supply and 2 x 12 V / 7 Ah batteries.

Overview

	Housing (Eco)	Expansion housing (Eco) and operating add-on	
	FT724-ZZ	**FH7201-Z3**	**FCM7211-Y3**
	430 x 398 x 80 mm	Housing (Eco) 430 x 398 x 80 mm	48 display groups with one red/green + yellow LED
			for retrofitting
			FCM7214-Y3
			96 display groups with one red/green + yellow LED
	Without power supply	Empty housing For various applications e.g. for operating add-on or for additional batteries	for retrofitting

Internal printer	External printer
FTO2001-A1	**DL3750+**
Event printer	Matrix printer (Extern) RS232 interface
Can be installed in – FT274-ZZ – FH7201-Z3 RS232 module must be ordered separately	RS232 module must be ordered separately

Configuration

Basic equipment		Designation	Notes
1	Rear (Eco)	FHA2001-A1	Pos. 1- 5 –> Basic equipment
2	Fire terminal board	FTI2001-A1	
3	DIN mounting rail TS35	–	Space for socket, disconnect terminals etc.
4	Operating unit	FCM7201-Z3	Combined system operating panel and CPU, incl. cover
5	Space for batteries	–	max. 2 x 12 V / 7 Ah
Expansion			
6	Power supply kit (70 W)	FP2003-A1	If the terminal is not powered from the control panel
7	Key switch (Kaba)	FTO2005-C1	For operating access rights
	Key switch (Nordic)	FTO2006-B1	
8	RS485 module (isolated)	FCA2002-A1	For peripheral devices with RS485 port
9	RS232 module (isolated)	FCA2001-A1	For stations with RS232 port
10	Networking module (SAFEDLINK)	FN2001-A1	For networking various stations
11	Battery (12 V, 7 Ah, VDS)	FA2003-A1	For emergency power supply
12	Event printer	FTO2001-A1	For event logging
13	19" mounting kit	FHA2016-A1	For the installation in 3rd party housings
14	License key Sx	FCA20xx	For special functions
15	Cable kit (communication)	FCA2014-A1	For flexible cable connections to the modules on the operating unit
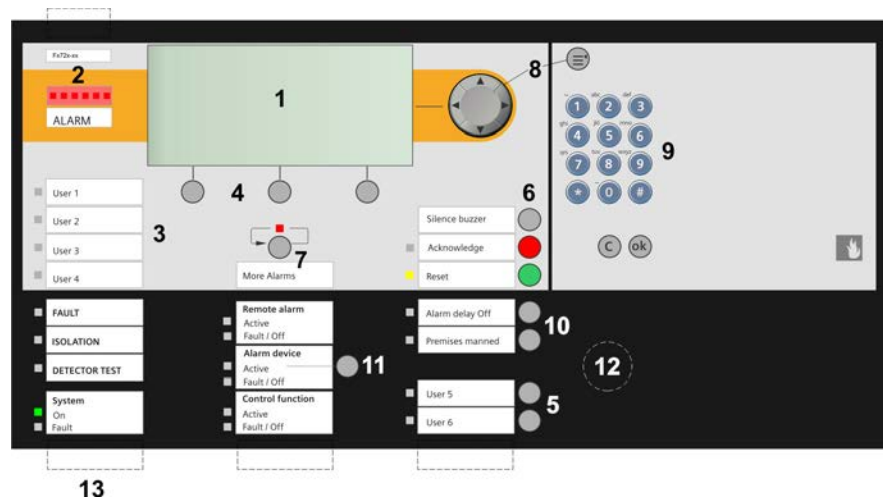
1 Large-format, backlit plain text display (LCD 256 x 112 dots) with detailed plain text information for all events that occur
   – Event type, event location, reaction texts, operating status, etc.
   – Operator guidance texts are displayed directly in alarm situations
   – Convenient operation via soft keys and navigation key
2 Alarm indicator lights red when an alarm even is received
3 4 programmable LEDs and div. display fields
4 Soft keys for direct menu operation
5 2 operation keys with LEDs, individually programmable
6 Keys –> 'Buzzer off', 'Acknowledge' message and 'Reset' message
7 Key for scrolling through the alarm messages
8 Navigation and menu key for the display
9 Keypad for numerical and alphanumeric entries such as password, customer text, etc.
10 Function keys for alarm organization
11 Display and key field for alarming equipment
12 Optional key switch for operating access (Kaba or Nordic)
13 Label strips inserts

Technical data

Operating voltage	DC 21…28,6 V
Current consumption at 24 V	
– Quiescent current (LCD illumination inactive)	125 mA
– Alarm current (LCD illumination active)	130 mA
Plug-in position for serial interfaces RS232, RS485	2
Plug-in position for network module	2
Ethernet connection RJ45	1
Operating temperature	-8…+42 °C
Storage temperature	-20…+60 °C
Humidity (no condensation permitted)	≤95 % rel.
Dimensions (W x H x D)	
– Without cover cap	430 x 398 x 80 mm
– With cover cap	430 x 398 x 108 mm
Color	
– Housing	grey, ~RAL 7035
– Cover	grey, ~RAL-Design 000 50 00
– Foil	grey, ~RAL 7035, grey ~RAL 7016, keys grey, ~RAL 7035, blue ~RAL 5014
Protection category (IEC 60529)	IP30
Approvals	
– VdS	G209078
– LPCB	126bn/R02
– FM	approved
Power supply (optional)	70 W
Battery capacity (optional)	max. 2 x 12 V / 7 Ah

09 C E	**FT724**	Siemens Switzerland Ltd; Gubelstrasse 22 CH-6301 Zug Technical data: see doc. **A6V10210355**
	FT724 - Control and Indicating Terminal for use in fire detection and fire alarm systems installed in buildings	
	2004/108/EC (EMC): EN 50130-4 / EN 61000-6-3 ; 2006/95/EC (LVD): EN 60950-1 ; 2011/65/EU (RoHS): EN 50581 ;	
	Declared performance and conformity can be seen in the Declaration of Performance and the EC Declaration of Conformity, which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or http://siemens.com/bt/download	
	DoC No.: CED-FT724	

Details for ordering

	Type	Part no	Designation	Weight
Fire terminals	FT724-ZZ	S54400-C31-A2	Fire terminal	8.860 kg
Expansion	FH7201-Z3	S54400-B72-A101	Housing (Eco)	5.700 kg
	FCM7213-Y3	S54400-B149-A1	Operating add-on (2xLED-ind.)	2,600 kg
	FCM7214-Y3	S54400-B150-A1	Operating add-on (4xLED-ind.)	2.800 kg
	FTO2005-C1	A5Q00010113	Key switch (Kaba)	0.013 kg
	FTO2006-B1	A5Q00010129	Key switch (Nordic)	0.050 kg
	FCA2002-A1	A5Q00009923	RS485 module (isolated)	0.067 kg
	FCA2001-A1	A5Q00005327	RS232 module (isolated)	0.068 kg
	FN2001-A1	A5Q00012851	Networking module (SAFEDLINK)	0.077 kg
	FCA2014-A1	A5Q00023027	Cable kit (communication)	0.224 kg
	FTO2001-A1	A5Q00010126	Event printer	0.250 kg
	–	A5Q00017619	Replacement printer rolls (10 rolls)	0.090 kg
	FP2003-A1	A5Q00016005	Power supply kit (70 W)	0.650 kg
	FA2003-A1	A5Q00019353	Battery (12 V, 7 Ah, VDS)	2.450 kg
	FHA2016-A1	A5Q00020179	19" mounting kit	3.000 kg
	FN2006-A1	S54400-A109-A1	Fiber network module (SM)	0.770 kg
	FN2007-A1	S54400-A110-A1	Fiber network module (MM)	0.770 kg
Networks (backbone)	FN2008-A1	S54400-F94-A1	Ethernet-Switch	0.800 kg
	NK8237.2	S54461-C7-A1	Modbus GW	0.800 kg
	FHA2029-A1	S54400-B79-A1	Mounting kit for Ethernet switch (Comfort)	0.500 kg
	FHA2030-A1	S54400-B81-A1	Mounting kit for Ethernet switch (Large Ext.)	0.500 kg
License keys	FCA2033-A1	S54400-P154-A1	License key (S1)	0.010 kg
	FCA2034-A1	S54400-P155-A1	License key (S2)	0.010 kg
	FCA2035-A1	S54400-P156-A1	License key (S3)	0.010 kg
External printer	DL3750+	A5Q00023962	Matrix printer (Extern)	7.300 kg
Spare part	–	A5Q00023963	Black typewriter ribbon for matrix printer DL3750+	0.078 kg