



FT724

Cerberus® PRO

Fire terminal

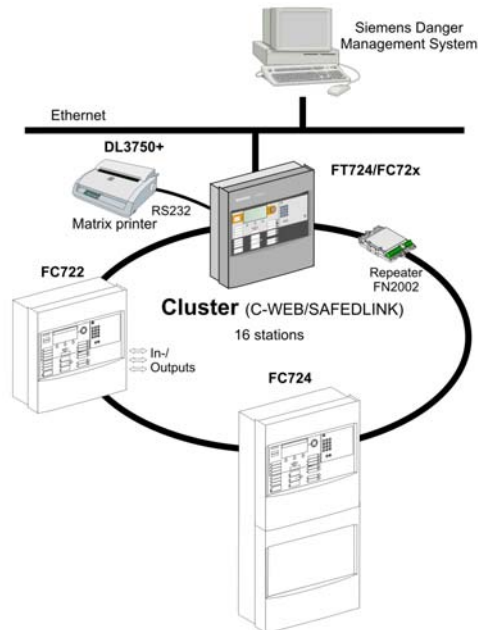


for fire control panels of the series FS720 (IP4)

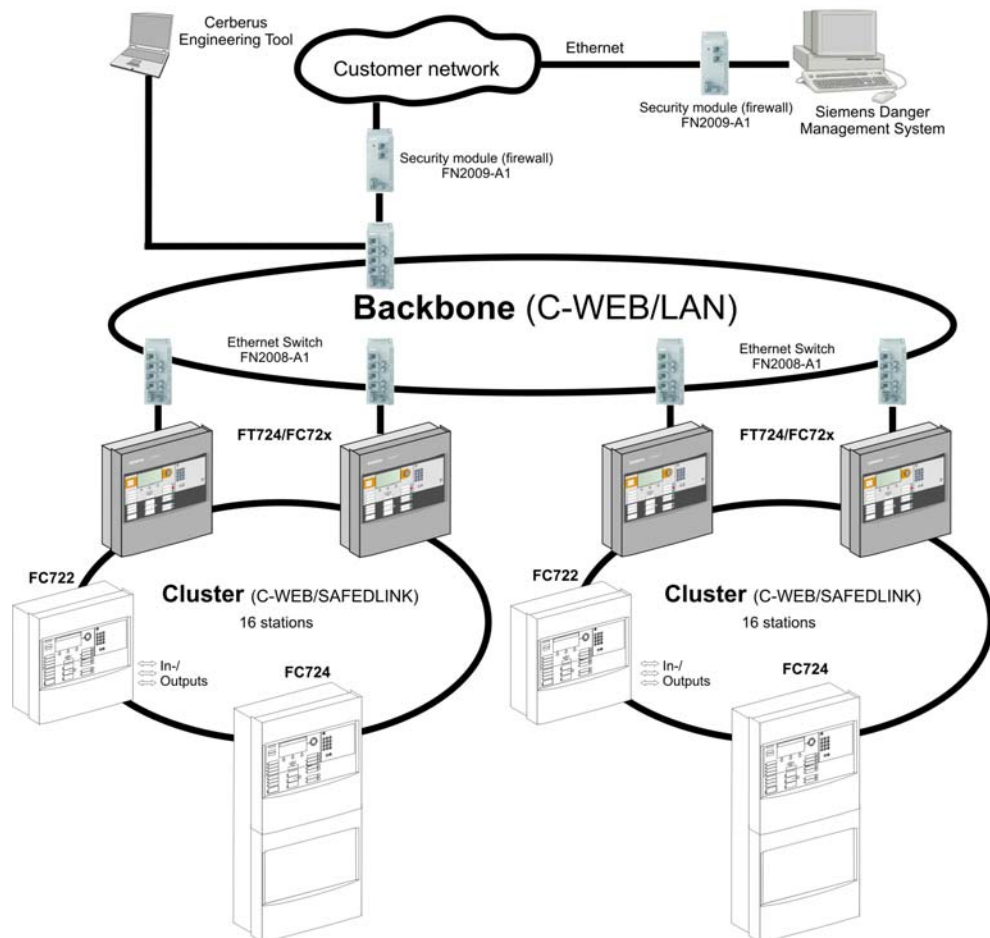
- **System operation and indication**
- **Large backlit display (8 lines of 40 characters each)**
 - Plain text display with two lines of information per alarm event
 - Context-sensitive soft keys
 - Additional spontaneous display of location-specific reaction texts can be stored
 - Several events are 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**

Networking topologies

Up to 32 fire control panels and 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:

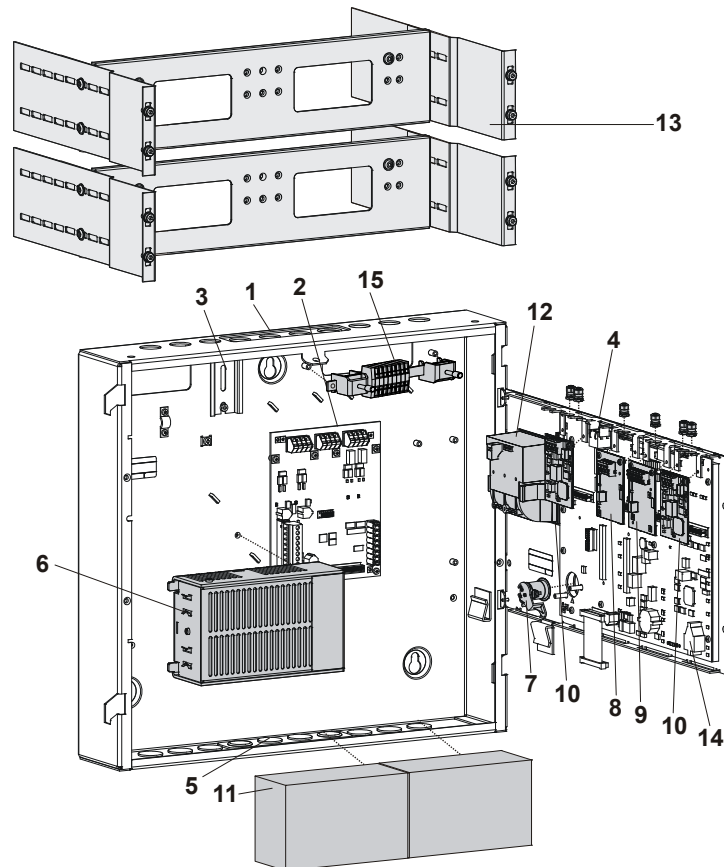
- Connection terminals for internal power supply, for the 24 V supply from the control panel and for the external 24 V power source

Housing

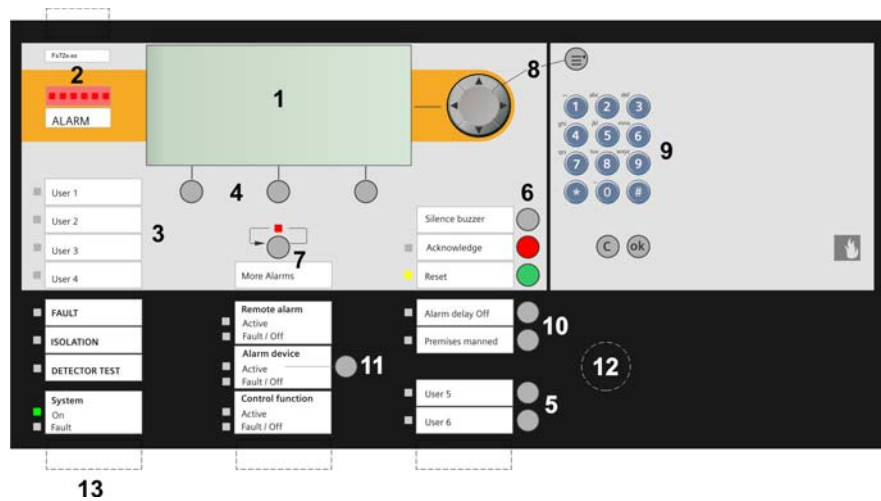
The housing has space for a 70 W power supply and 2 x 12 V / 7 Ah batteries.

<p>Housing (Eco) FT724-ZZ 430 x 398 x 80 mm</p>  <p>Without power supply</p>	<p>Expansion housing (Eco) and operating add-on</p> <table border="0"><tr><td data-bbox="801 241 1114 680"><p>FH7201-Z3 Housing (Eco) 430 x 398 x 80 mm</p><p>Empty housing For various applications e.g. for operating add-on or for additional batteries</p></td><td data-bbox="1120 241 1441 680"><p>FCM7211-Y3 48 indicator groups with each one red + yellow LED</p><p>For retrofitting</p></td></tr></table>		<p>FH7201-Z3 Housing (Eco) 430 x 398 x 80 mm</p>  <p>Empty housing For various applications e.g. for operating add-on or for additional batteries</p>	<p>FCM7211-Y3 48 indicator groups with each one red + yellow LED</p>  <p>For retrofitting</p>
<p>FH7201-Z3 Housing (Eco) 430 x 398 x 80 mm</p>  <p>Empty housing For various applications e.g. for operating add-on or for additional batteries</p>	<p>FCM7211-Y3 48 indicator groups with each one red + yellow LED</p>  <p>For retrofitting</p>			
<p>Internal printer FTO2001-A1 Event printer</p>  <p>Can be installed in – FT274-ZZ – FH7201-Z3 RS232 module must be ordered separately</p>	<p>External printer DL3750+ Matrix printer (Extern) RS232 interface</p>  <p>RS232 module must be ordered separately</p>			

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	-	
4 Operating unit	FCM7201-Z3	
5 Space for batteries	-	
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
7 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 (12V, 7Ah, 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 L1 or License key (L2)	FCA2012-A1 FCA2013-A1	For Cerberus-Remote For Management System (also includes Cerberus-Remote)
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 050 00 00
– Foil	grey, ~RAL 7035, grey ~RAL 7016, keys grey, ~RAL 7035, blue ~RAL 5014
Protection category (IEC 60529)	IP30
Approvals	
– VdS	G209078
– LPCB	126aw/R02
Power supply (optional)	70 W
Battery capacity (optional)	max. 2 x 12 V / 7 Ah

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
	FCM7211-Y3	S54400-F75-A1	Operating add-on (2xLED ind.)	2.600 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
FN2009-A1		S54400-F95-A1	Security module	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
Software license	FCA2012-A1	A5Q00018856	License key (L1)	0.010 kg
	FCA2013-A1	A5Q00018857	License key (L2)	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