SIEMENS

SMARTER PROTECTION MATTERS

Cerberus PRO

Panels, network and accessories

Planning Tool

Smart infrastructure intelligently connects energy systems, buildings and industries to adapt and evolve the way we live and work.

We work together with customers and partners to create an ecosystem that intuitively responds to the needs of people and helps customers to better use resources.

It helps our customers to thrive, communities to progress and supports sustainable development.

Creating environments that care.

siemens.com/smart-infrastructure

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Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

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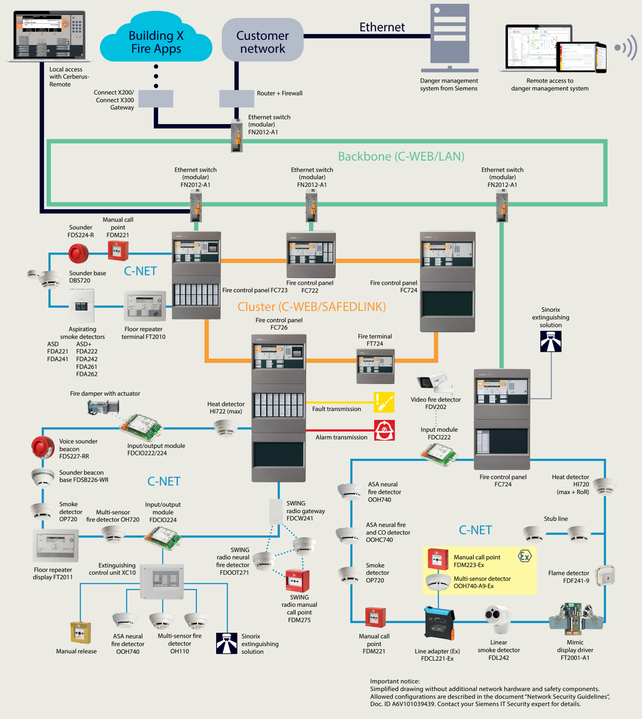
Cerberus PRO – Because smarter protection matters

IoT-enabled fire control panels, clever fire detectors, smart peripheral devices: Our products & solutions allow you to protect your building and its occupants all year-round, connect with it anytime from anywhere via the Building X Fire Apps, and sustain undisturbed places all day, every day for peace of mind. The overview below demonstrated the most important components.



Important notice:
Simplified drawing without additional network hardware and safety components. Allowed configurations are described in the document "Network Security Guidelines", Doc. ID A6V101039439. Contact your Siemens IT Security expert for details.

Panel overview compact

	FC721-ZZ/-YZ	FC722-ZZ/-YZ	FC722-ZA/-ZE	FC724-ZA/-ZE	FT724-ZZ
	Housing Eco	Housing Standard	Housing Comfort	Housing Comfort	Housing Eco
Mains voltage	– AC 97...127 V – AC 196...253 V	– AC 97...127 V – AC 196...253 V	– AC 97...127 V – AC 196...253 V	– AC 97...127 V – AC 196...253 V	–
Power supply	70 W	70 W	150 W	150 W	option PSU 70 W
Operating voltage	DC 21... 28.6 V	DC 21...28.6 V	DC 21...28.4 V	DC 21...28.4 V	DC 21...28.4 V
Operating current	max. 2.5 A	max. 2.5 A	max. 5 A	max. 5 A	125 mA
Battery capacity	2x 12 V, 7 Ah	2x 12 V, 7...12 Ah	2x 12 V, 26 Ah	2x 12 V, 26 Ah	option 2x 12 V, 7 Ah
Emergency power supply	up to 72 h[1)]	up to 72 h[1)]	up to 72 h	up to 72 h	up to 72 h
Connectable detector series	Cerberus PRO FD720 (C-NET)	Cerberus PRO FD720 (C-NET)	Cerberus PRO FD720 (C-NET)	Cerberus PRO FD720 (C-NET)	–
Number of lines – C-NET integrated (with loop extension) – Stub lines	1 2	2 (4) 4 (8)	2 (4) 4 (8)	4 (8) 8 (16)	– –
Number of addresses	max.126	max. 252	max. 252	max. 504	–
Networkable	–	✓	✓	✓	✓
Integrated inputs/outputs – Relay outputs • RT alarm • RT fault – Monitored outputs • Alarm • Fault • Horn – Freely programmable inputs/outputs	 1 1 1 1 1 4	 1 1 1 1 1 8	 1 1 1 1 1 8	 1 1 1 1 2 12	 – – – – – –
Operating unit	integrated	integrated	integrated	integrated	integrated
Display groups integrated, each with one red, green and yellow LED	–/up to 24	–/up to 24	–/up to 48	–/up to 48	–
Display groups optional, each with one red, green and yellow LED	up to 96[3)]/–	up to 96[3)]/–	up to 96/up to 96	up to 96/up to 96	up to 96[1)]
Plug-in position for RS232, RS485 serial ports	1	2	2	2	2
Ethernet connection RJ45	1	1	1	1	1
Dimensions (WxHxD)	430x398x80 mm	430x398x160 mm	430x796x160 mm	430x796x160 mm	430x398x80 mm
Approvals – CPR – VdS – LPCB	 0786-CPR-20767 – 126bn	 0786-CPR-20721 G209076 126bn	 0786-CPR-20721 G209076 126bn	 0786-CPR-20722 G209077 126bn	 – G209078 126bn

[1)] with additional housing and power supply, [3)] with extra housing

Panel overview modular

	FC723-ZA	FC726-ZA
	Housing Comfort	Housing Large
Mains voltage	– AC 98...127 V – AC 196...253 V	– AC 98...127 V – AC 196...253 V
Power supply	150 W	150 W
Operating voltage	DC 21...28.4 V	DC 21...28.4 V
Operating current	max. 5 A	max. 5 A
Battery capacity	2x 12 V, 26 Ah	2x 12 V, 45 Ah
Emergency power supply	up to 72 h	up to 72 h
Connectable detector series	Cerberus PRO FD720 (C-NET)	Cerberus PRO FD720 (C-NET)
Number of lines – C-NET integrated (with loop extension) – Stub lines – C-NET ext. (4 per line card)	 2 (4) 4 (8) max. 8	 4 (8) 8 (16) max. 20
Number of addresses	max. 756	max. 1,512
Networkable	✓	✓
Integrated inputs/outputs – Relay outputs • RT alarm • RT fault – Monitored outputs • Alarm • Fault • Horn – Freely programmable inputs/outputs	 1 1 1 1 1 8	 1 1 1 1 2 12 (72)[1)]
Operating unit	integrated	integrated
Display groups integrated, each with one red, green and yellow LED	–	–
Display groups optional, each with one red, green and yellow LED	up to 96	up to 96
Plug-in position for RS232, RS485 serial ports	2	2
Ethernet connection RJ45	1	1
Dimensions (WxHxD)	430x796x160 mm	430x796x260 mm
Approvals – CPD – VdS – LPCB	 0786-CPD-21328 G214021 126bn	 0786-CPD-20983 G210084 126bn

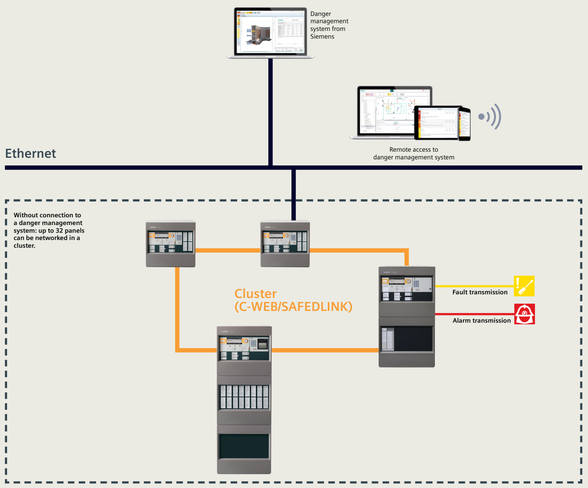
[1)] with additional input/output cards FCI2008-A1

Single-sector extinguishing panel

	Combined fire and ext. control panel
Consisting of: – Fire control panel – Extinguishing control kit – Extinguishing terminal Optional: – Extinguishing terminal	 FC722-ZA or FC724-ZA XCA2005-A1 XCM7202-Z3 XT2001-A1
Techn. data FC72x	See FC722-ZA, FC724-ZA
Technical data extinguishing card	
Monitored outputs – Output voltage – Output current – Line resistance – Monitored for	valve, standard, and inverse outputs, max. 10 max. DC 25.8 V max. 2 A max. 80 Ω, both conductors ground fault, leakage current, open line
Monitored collective inputs – Number of devices per input	max. 4 (e.g. Manual release and Emergency hold call points) max. 8, collective
Monitored inputs – Number of devices per input	max. 6 (e.g. Loss of agent, Discharged contact ...) If collective inputs not used: 10 max. 64 (parallel, normally opened)
Non-monitored driver outputs – Current limiting	max. 6 Circuit Open drain, Short-circuit-proof 40 mA
Technical data extinguishing terminal	
Number of participants per sector	primary 1, secondary max. 5
Cable length	primary max. 10 m, secondary max. 1200 m
Supply input	DC 21...30 V
Operating current per terminal	25 mA typical @DC 24 V
Indication LEDs	34 LEDs
Indication Display	4 digits 5x7 dot matrix
Data sheet	A6V11480005

Topology 1

Up to 16 panels can be networked in a cluster (C-WEB/SAFEDLINK) – if connected to a danger management system. Without a danger management system, even up to 32 panels can be networked.



Important notice:
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Characteristics of topology example

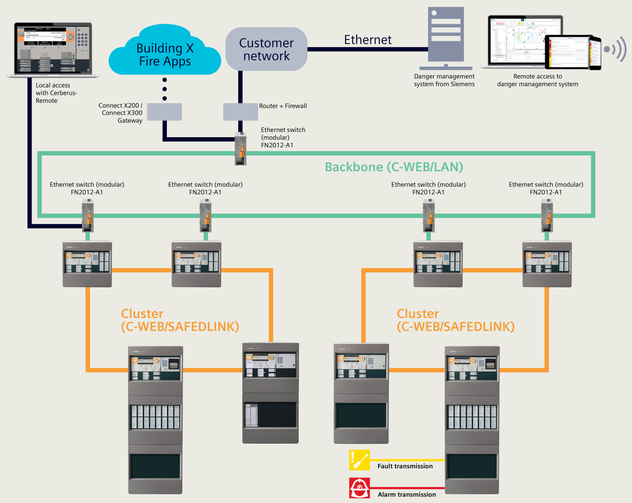
– Easy networking of panels
– Operation of panels as standalone solution or networked with a total length of up to 1,280 km
– Data rate can be adapted to line quality

Key data

– Max. number of networkable panels:	32
– Max. number of networkable panels if connected to a danger management system:	16
– Max. distance between panels with copper cable:	
• without repeater:	1 km
• with repeater:	2 km
– Max. distance between panels with fiber-optic cable:	
• multi mode:	4 km
• single mode:	40 km
– Max. number of panels with system-wide view:	5

Topology 2

Up to 64 panels in one EN 54-conform system with different combinations of clusters and backbone – and with connection to a danger management system via a customer network.



Important notice:
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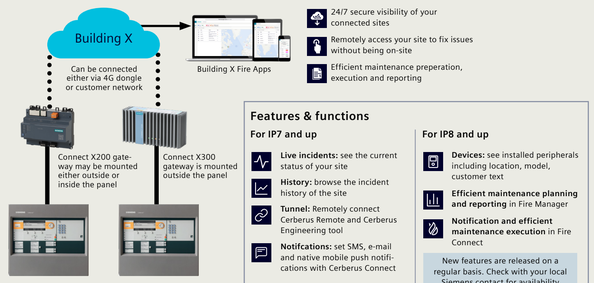
Characteristics of topology example

– EN 54-conform networking of up to 64 panels via backbone
– Very large networks spanning long distances
– Highest system availability thanks to system-wide redundancy
– Panels on different clusters can communicate with each other
– Only one remote transmission to fire brigade over entire system necessary
– Distributed building complexes can be ideally protected
– Backbone is realized with fiber-optic cable

Key data

– Max. number of networkable panels incl. clusters (EN 54-conform):	64
– Max. number of clusters:	14
– Max. number of networkable panels per cluster:	16
– Number of panels with system-wide view:	5

Building X Apps offering



Features & functions

For IP7 and up

- **Live incidents:** see the current status of your site
- **History:** browse the incident history of the site
- **Tunnel:** Remotely connect Cerberus Remote and Cerberus Engineering tool
- **Notifcations:** set SMS, e-mail and native mobile push notifications with Cerberus Connect

For IP8 and up

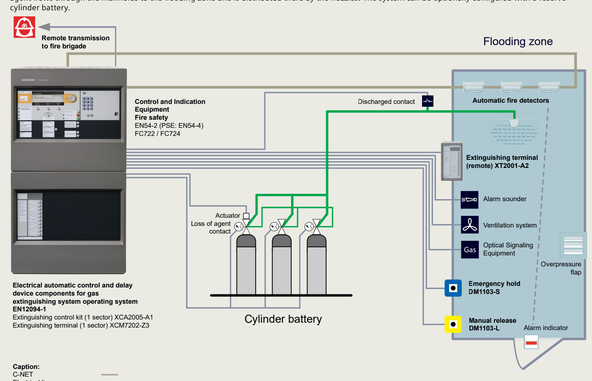
- **Devices:** see installed peripherals including location, model, customer text
- **Efficient maintenance planning and reporting** in Fire Manager
- **Notification and efficient maintenance execution** in Fire Connect

New features are released on a regular basis. Check with your local Siemens contact for availability

Integrated Extinguishing control planning

Single-sector extinguishing

Combined fire detection and extinguishing control panel FC20 operating as a single-sector extinguishing system. FC20 works with most types of extinguishing systems for room or object protection. A single-sector installation consists of a single flooding zone and cylinder bank. In case of a fire, the extinguishing agent flows through the manifolds to the flooding zone and is distributed there by the nozzles. The system can be optionally configured with a reserve cylinder battery.



Caption:
C-NET
Electrical line
Manifold (distribution pipe)
Control aloe

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Cerberus PRO Planning Tool Panels, network and accessories

To enable remote operation with Cerberus-Remote, the PC has to be connected to an Ethernet switch of the backbone. Access to a certain panel in a cluster will be granted by installing an S1 license key into this panel.

Backbone (C-WEB/LAN)

Clusters can be networked via an Ethernet backbone, using industrial LAN technology. Siemens is the first manufacturer offering this as a EN 54-approved solution. With standard IT architecture, building structures and organizational processes can be ideally represented.

Characteristics of networking via backbone
– Ethernet switch to connect a cluster to the backbone
– Redundant transmission thanks to circular wiring
– Redundant connection possible due to two Ethernet switches
– Increased EMC protection thanks to fiber-optic cabling
– Easily programmable, EN 54-compliant system-wide control
– Configurable view of each panel
– All panels can be used as a router panel (for further information on FC726, please see separate documentation).

Key data

– Max. number of panels in EN 54 system:	64
– Max. number of panels in a cluster:	16
– Max. number of networkable clusters:	14
– Number of panels placed directly on backbone:	4*
– Number of panels with system-wide view:	5*
– Max. distance between clusters	
– Fiber optic multi mode:	4 km
– Fiber optic single mode:	40 km

* and more with relevant system topology

The following guidelines must be observed
– To fulfill the EN 54 norm, only 1 Ethernet switch is required to connect control panels with less than 512 fire detectors to the backbone.

Cluster (C-WEB/SAFEDLINK)

Via the powerful cluster, up to 32 panels can be networked (fire control panels and fire terminals).

Characteristics of networking via the system bus
– Wiring with two wires
– Redundant transmission thanks to circular wiring
– Increased safety due to degrade mode using a second network module
– No additional cabling necessary for degrade mode; even for systems with more than 512 fire detectors
– Configurable view of individual panels

Key data

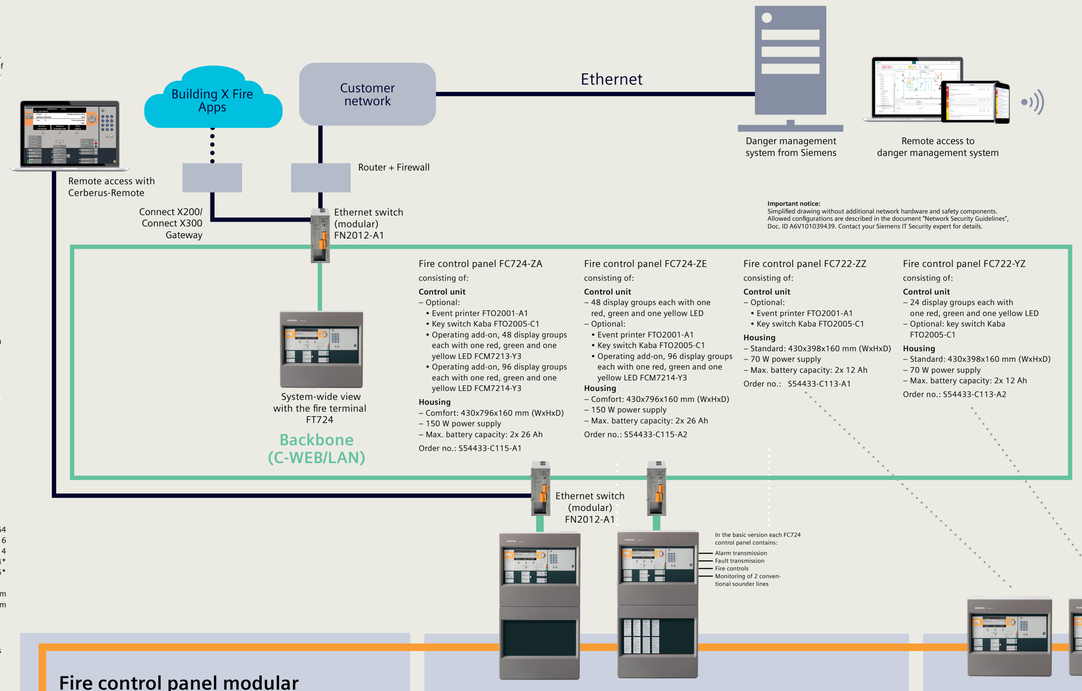
– Max. number of networkable panels:	32
– Max. number of networkable panels if connected to a danger management system:	16
– Max. distance between panels with copper cable	
• without repeater:	1 km
• with repeater:	2 km
– Max. distance between panels with fiber-optic cable	
• multi mode:	4 km
• single mode:	40 km
– Max. number of panels with system-wide view:	5

C-NET

The C-NET is a modern, multi-purpose bus system. It allows rapid, fail-safe communication between the Cerberus™ PRO bus elements and the fire control panel.

Characteristics of networking via the detector bus
– Use of all cable types (shielded or unshielded)
– Integration of star-shaped cable networks without modifications to cable network
– No shielding necessary
– 2-wire loop
– Power supply to all bus elements via the C-NET (except transponder FDCIO223, FDCI723, LaserFOCUS, extinguishing control unit XC10 and ASD FDA221, FDA241)

Key data
– Up to 40 T-taps
– Up to 252 bus elements on one loop
– Cable lengths up to 3.3 km with up to 252 bus elements



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Fire control panel FC724-ZA

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 48 display groups each with one red, green and one yellow LED FCM7213-Y3
• Operating add-on, 96 display groups each with one red, green and one yellow LED FCM7214-Y3

Housing
– Comfort: 430x796x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54433-C115-A1

Fire control panel FC724-ZE

consisting of:

Control unit
– 48 display groups each with one red, green and one yellow LED
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 96 display groups each with one red, green and one yellow LED FCM7214-Y3

Housing
– Comfort: 430x796x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54433-C115-A2

Fire control panel FC722-ZZ

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1

Housing
– Standard: 430x398x160 mm (WxHxD)
– 70 W power supply
– Max. battery capacity: 2x 12 Ah

Order no.: S54433-C113-A1

Fire control panel FC722-YZ

consisting of:

Control unit
– 24 display groups each with one red, green and one yellow LED
– Optional: key switch Kaba FTO2005-C1

Housing
– Standard: 430x398x160 mm (WxHxD)
– 70 W power supply
– Max. battery capacity: 2x 12 Ah

Order no.: S54433-C113-A2

Network components

Backbone

Ethernet switch (modular) FN2012-A1
Order no.: S54400-B152-A1

Ethernet module (electric/CAT5) VN2001-A1
Order no.: S54400-A42-A1

Ethernet module (MM) VN2002-A1
Order no.: S54400-A43-A1

Ethernet module (SM) VN2003-A1
Order no.: S54400-A44-A1

Connection module (MoNet) FCA2031-A1
Order no.: S54400-A153-A1

Connect X300 Gateway CXG3.X300
Connect X300 gateway is connecting to a wide range of both Siemens and third-party building products.
Thanks to this gateway, the Fire Safety Systems can be connected to the cloud, and therefore be upgraded with various digital use-cases.
Order no.: S55842-Z121-A100

Connect X200 Gateway CXG3.X200
Connect X200 is a cost-effective gateway, connecting to a wide range of both Siemens and third-party building products. It has the possibility to be mounted inside the panel.
Thanks to this gateway, the Fire Safety Systems can be connected to the cloud, and therefore be upgraded with various digital use-cases.
Order no.: S55842-Z131-A100

Accessory kit + ACDC (X200) FCA2056-A1
Order no.: S54400-S115-A1

Mounting plate (X200) FHA2063-A1
Order no.: S54400-B116-A1

License key	Without license key	S1 (FCA2033-A1) Order no.: S54400-P154-A1	S2 (FCA2034-A1) Order no.: S54400-P155-A1	S3 (FCA2035-A1) Order no.: S54400-P156-A1	S4 (FCA2036-A1) Order no.: S54400-P157-A1
Cerberus DMS	✓	✓	✓	✓	✓
Cerberus-Remote and BACnet 3rd-party provider (supervision)	–	✓	✓	✓	✓
BACnet 3rd-party provider (supervision and extended commands)	–	–	✓	✓	✓
BACnet 3rd-party provider (supervision and extended commands)	–	–	–	✓	✓
BACnet 3rd-party provider (activation and deactivation commands)	–	–	–	–	✓
Cerberus Mobile	–	–	–	✓	✓

Cluster

Network module (SAFEDLINK) FN2001-A1
With this module, the station can be networked via the cluster. For this purpose it is necessary to install a network module. In case of additional requirements in terms of the degrade mode function, 2 network modules can be installed.

For example for:
– Networked panels with more than 512 C-NET devices
– Networked panels with connection to remote transmission and with more than 512 C-NET devices

Order no.: A5Q00012851

Optical fiber networking modules FN2006-A1 (SM) and FN2007-A1 (MM)
With these optical fiber networking modules, Cerberus PRO stations can be linked to the C-WEB/SAFEDLINK system bus over great distances by glass fiber cable. The redundant feed allows EN 54-compliant networking even if the networking module is remote.

Characteristics:
– Two independent, galvanically separated channels
– SC connections for optical cables
– Two redundant, monitored power feeds EN 54-approved
– Earth fault monitoring
– Installation in the station or remote
– Can be installed upright or horizontally on a DIN rail
– FN2006-A1: single-mode transmission up to 40 km

Order no.: S54400-A109-A1
– FN2007-A1: multi-mode transmission up to 4 km
Order no.: S54400-A110-A1

Housings

Housing (Eco) FH7201-Z3
– Max. battery capacity: 2x 7 Ah
– 430x398x80 mm (WxHxD)
– Optional:
• Power supply kit (70 W) FP2015-A1
• Event printer FTO2001-A1
• Operating add-on (2x LED-ind.) FCM7213-Y3
• Operating add-on (4x LED-ind.) FCM7214-Y3
Order no.: S54400-B72-A1

Housing (Standard) FH7202-Z3
– Max. battery capacity: 2x 26 Ah
– 430x398x160 mm (WxHxD)
– Optional:
• Power supply kit (70 W) FP2015-A1 or
• Power supply kit (150 W) FP2004-A1 or additional power supply (150 W) FP2005-A1
• Event printer FTO2001-A1
• Operating add-on (2x LED-ind.) FCM7213-Y3
• Operating add-on (4x LED-ind.) FCM7214-Y3
Order no.: S54400-B70-A1

Housing (Comfort) FH7203-Z3
– Max. battery capacity: 2x 26 Ah
– 430x796x160 mm (WxHxD)
– Optional:
• Power supply kit (70 W) FP2015-A1 or
• Power supply kit (150 W) FP2004-A1 or additional power supply (150 W) FP2005-A1
• Event printer FTO2001-A1
• Operating add-on (2x LED-ind.) FCM7213-Y3
• Operating add-on (4x LED-ind.) FCM7214-Y3
Order no.: S54400-B71-A1

Housing (Large) FH7205-Z3
– Max. battery capacity: 2x 65 Ah
– 430x796x260 mm (WxHxD)
– Optional
• Power supply kit (70 W) FP2015-A1
• Power supply kit (150 W) FP2004-A1
• Power supply kit (150 W) FP2005-A1
• Event printer FTO2001-A1
• Operating add-on (2x LED-ind.) FCM7213-Y3
• Operating add-on (4x LED-ind.) FCM7214-Y3
Order no.: S54400-B86-A1

Housing (Large Extension) FH7204-Z3
– Max. battery capacity: 2x 65 Ah
– 430x398x260 (WxHxD)
– Optional:
Power supply kit (70 W) FP2015-A1
• Power supply kit (150 W) FP2004-A1
• Power supply kit (150 W) FP2005-A1
• Event printer FTO2001-A1
• Operating add-on (2x LED-ind.) FCM7213-Y3
• Operating add-on (4x LED-ind.) FCM7214-Y3
Order no.: S54400-B89-A1

Flush mounting bezel one HU FHA2017-A1
Optional bezel for flush mounting installation for all fire control panels and FT724 fire terminal;
530x500 mm (WxH)
Order no.: A5Q00024719

Flush mounting bezel two HU FHA2015-A1
Optional bezel for flush mounting installation for all fire control panels and FT724 fire terminal;
530x886 mm (WxH)
Order no.: A5Q00024621

Mounting kit (marine) FHA2035-A1
Mounting kit to fasten a fire control panel in a housing (Comfort) to a wall without vibrations and to shield against EMC influences;
430x796x37 mm (WxHxD)
Order no.: S54400-S111-A1

19" mounting kit FHA2016-A1
Enables all fire control panels and fire terminals to be mounted in a 19" frame; 430x100x324 mm (WxHxD)
Order no.: A5Q00020179

Expansion options

Loop extension (C-NET, P) FCI2025-A1
The loop extension makes it possible to double the number of loops (e.g. from 2 loops to 4 loops or from 4 loops to 8 loops) while retaining a constant total number of addresses on the C-NET line card (e.g. 2 loops with 126 addresses each or 4 loops with 63 addresses each).
Order no.: S54400-A185-A1

RS232 module (isolated) FCA2001-A1
This module is needed, for example, for operating an event printer. It is plugged into the PMI mainboard. The RS232 module is not contained in the set for the event printer.
Order no.: A5Q00005327

RS485 module (isolated) FCA2002-A1
This is needed, for example, for operating the following modules:
– Fire department display panel with integrated fire department operating panel (FAT and FBF) [DE and CZ]
– EVAC module [NL]
The RS485 module (isolated) is plugged into the PMI mainboard.
Order no.: A5Q00009923

Sounder module FCA2005-A1
The sounder module has connections for 4 conventional sounder lines (primary lines; 4x up to 1 A, max. 2 A total). The sounder module is screwed to the assembly plate FHA2007-A1.
Order no.: A5Q00014866

Operating add-ons

Operating add-on (2x LED-ind.) FCM7213-Y3
This contains 48 display groups each with one red, green and one yellow LED. Any events can be allocated to the LEDs.
Optional: event printer FTO2001-A1
Order no.: S54400-B149-A1

Operating add-on (4x LED-ind.) FCM7214-Y3
This contains 96 display groups each with one red, green and one yellow LED. Any events can be allocated to the LEDs.
Order no.: S54400-B150 -A1

Key switch Kaba FTO2005-C1
Kaba lock cylinder with installation accessories and keys (Kaba 8 #100). Usable optionally for enabling operation.
Order no.: A5Q00010113

Extinguishing key switch Kaba XTO2002-C1
Order no.: S54392-B12-A1

Key switch Nordic FTO2006-B1
Key set with mounting accessories. Optimally applicable for operation clearance.
Order no.: A5Q00010129

Extinguishing key switch (Nordic) XTO2003-B1
Order no.: S54392-B11-A1

Event printer FTO2001-A1
The event printer FTO2001-A1 is installed directly in the control panel or in the terminal. It is a thermal printer which logs all events. An RS232 module (isolated) FCA2001-A1 is required for operating the event printer. This is not contained in the printer set and must be ordered separately.
Order no.: A5Q00010126

Event printer DL3750+
Monitored external event printer for serial connection or via Ethernet. Optional: RS232 module (isolated) FCA2001-A1.
Order no.: A5Q00023962

Extinguishing equipment

Extinguishing control kit (1 sector) XCA2005-A1
consisting of:
– Extinguishing card XCI2005-A1
– Card cage (1 sector exting.) FCA2046-A1
– Accessory kit FCA2047-A1
– Card cage connection FCA2006
Order no.: S54392-S20-A1

Extinguishing terminal (1 sector) XCM7202-Z3
consisting of:
– 1 extinguishing terminal
– Configurable leds and push buttons
– 4 digit display to show countdown pre-warning time
Order no.: S54392-B18-A1

Extinguishing key switch Kaba XTO2002-C1
Order no.: S54392-B12-A1

Extinguishing key switch (Nordic) XTO2003-B1
Order no.: S54392-B11-A1

Module bus cards for FC723 / FC726

Line card (FDnet/C-NET, P) FCL2008-A1
For 252 C-NET devices on 4 loops or 8 stubs.
Order no.: S54400-A182-A1

Line card (SynoLOOP) FCL7201-Z3
For 128 devices per loop or 4 stubs.
Order no.: S54400-H116-A1

I/O card (RT) FCI2007-A1
For alarm and fault transmission.
Order no.: S54400-A20-A1

I/O card (programmable) FCI2008-A1
12 programmable inputs/outputs with defined behavior in degrade mode.
Order no.: S54400-A6-A1

I/O card (horn/monitored) FCI2009-A1
8 monitored horn lines or monitored outputs.
Order no.: S54400-A21-A1

Power supply

Power supply kit A (70 W) FP120-Z1
The standalone power supply converts the mains voltage to system voltage and charges the batteries.
Order no.: S54400-S122-A1

Power supply (70 W) FP2015-A1
For the independent power supply of fire terminals such as FT724-ZZ.
Order no.: S54400-B121-A1

Power supply kit (150 W) FP2004-A1
Power supply for installation in empty housings. Optional: additional power supply with FP2005-A1 is possible.
Order no.: A5Q00020825

Power supply kit (150 W) FP2005-A1
Power supply can be connected in the housing directly after FP2004-A1.
Order no.: A5Q00018779

Fire control panel modular FC726 / FC723

Description FC726 (modular)

FC726 is a modular fire control panel.
It has the following features:
– 4 C-NET loops with 1.5 A line driver
– 5 slots for additional module bus cards
– Integrated inputs/outputs for peripherals
– Integrated control unit
– Integrated power supply
– Automatic configuration
– Networkability via backbone (C-WEB/LAN), cluster (C-WEB/SAFEDLINK) or Ethernet

Technical data

Basic configuration
– Number of loops/stubs: 4/8
– Optionally with loop extension: 8 loops/16 stubs

Modular extension
– Line card for 252 C-NET devices
– Line card for 512 SynoLOOP devices
– I/O card with inputs/outputs (12)

Final configuration
– Number of addresses: max. 1,512
– Number of loops/stubs: 28/56

Description FC723 (modular)

FC723 is a modular fire control panel.
It has the following features:
– 2 C-NET loops with 1.5 A line driver
– 2 slots for additional module bus cards
– Integrated inputs/outputs for peripherals
– Integrated control unit
– Integrated power supply
– Automatic configuration
– Networkability via backbone (C-WEB/LAN), cluster (C-WEB/SAFEDLINK) or Ethernet

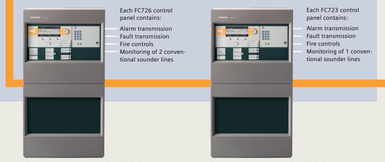
Technical data

Basic configuration
– Number of loops/stubs: 2/4
– Optionally with loop extension: 4 loops/8 stubs

Modular extension
– Line card for 252 C-NET devices
– Line card for 512 SynoLOOP devices
– I/O cards with inputs/outputs (12)

Final configuration
– Number of addresses: max. 756
– Number of loops/stubs: 12/24

Cluster (C-WEB/SAFEDLINK)



Fire control panel FC726-ZA

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 48 display groups each with one red and one yellow LED FCM7211-Y3
• Operating add-on, 96 display groups each with one red and one yellow LED FCM7212-Y3

Housing:
– Large: 430x796x260 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 45 Ah

Order no.: S54433-C116-A1

Fire control panel FC723-ZA

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 48 display groups each with one red and one yellow LED FCM7211-Y3
• Operating add-on, 96 display groups each with one red and one yellow LED FCM7212-Y3

Housing:
– Comfort: 430x796x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54433-C114-A1

Fire control panel FC724 (4-loop)

Description

The FC724 is a compact 4-loop fire control panel. It has the following features:
– 4 C-NET loops with 1.5 A line driver
– Integrated inputs/outputs for peripherals
– Integrated control unit
– Integrated power supply
– Automatic configuration
– Networkability via backbone (C-WEB/LAN), cluster (C-WEB/SAFEDLINK) or Ethernet

Technical data

C-NET detector lines
– Number of addresses: max. 504
– Number of loops/stubs: 4/8
– Optionally with loop extension: 8 loops/16 stubs

Inputs and outputs
– 1 relay output for RT alarm
– 1 relay output for RT fault
– 1 monitored alarm output
– 1 monitored fault output
– 2 monitored sounder outputs (1 A each)
– 12 configurable inputs/outputs DC 24 V
– 1 Ethernet connection (RJ45)
– Optional: sounder module for splitting the sounder line output into 4 monitored outputs (2 A)

Fire control panel FC724-ZAG

consisting of:

Control unit
Optional:
– Event printer FTO2001-A1
– Key switch Kaba FTO2005-C1
– Operating add-on, 48 display each with one red, green and yellow LED FCM7213-Y3
– Operating add-on, 96 display each with one red, green and yellow LED FCM7214-Y3

Cloud connectivity
– X200 Gateway

Housing
– Comfort: 430x796x160 mm (WxHxD)
150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54400-C38-A1

Fire terminal FT724

Description

The FT724 has the following features:
– Integrated control unit
– Separate DC 24 V supply input possible
– Redundant DC 24 V supply input
– Networkability via C-WEB/SAFEDLINK or Ethernet

Technical data

– DC 24 V system power supply
– Alarm current: 130 mA

Fire terminal FT724-ZZ

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1

Housing
– Eco: 430x398x80 mm (WxHxD)
– Optional:
• 70 W power supply
• Max. battery capacity: 2x 7 Ah
• Housing (Eco) FH7201-Z3 and operating add-on (2x LED-ind.) FCM2713-Y3

Order no.: S54400-C31-A2

Fire control panel with extinguishing control

Fire control panel FC722/724-ZA with extinguishing control

consisting of:

Fire control panel
– 2-loop panel FC722-ZA
Order no.: S54433-C113-A3
– 4-loop panel FC724-ZA
Order no.: S54433-C115-A1

Extinguishing terminal (1 sector) XCM7202-Z3
Order no.: S54392-B18-A1

Extinguishing control kit (1 sector) XCA2005-A1
consisting of:
– Extinguishing card XCI2005-A1
– Card cage (1 sector exting.) FCA2046-A1
– Accessory kit FCA2047-A1
– Card cage connection FCA2006
Order no.: S54392-S20-A1

Optional extinguishing terminal (remote) XT2001-A2
Order no.: S54392-F2-A1

Fire control panel FC722 (2-loop)

Description

The FC722 is a compact 2-loop fire control panel.
It has the following features:
– 2 C-NET loops with 1.5 A line driver
– Integrated inputs/outputs for peripherals
– Integrated control unit
– Integrated power supply
– Automatic configuration
– Networkability via backbone (C-WEB/LAN), cluster (C-WEB/SAFEDLINK) or Ethernet

Technical data

C-NET detector lines
– Number of addresses: max. 252
– Number of loops/stubs: 2/4
– Optionally with loop extension: 4 loops/8 stubs

Inputs and outputs
– 1 relay output for RT alarm
– 1 relay output for RT fault
– 1 monitored alarm output
– 1 monitored fault output
– 1 monitored sounder output (1 A)
– 8 configurable inputs/outputs DC 24 V
– 1 Ethernet connection (RJ45)
– Optional: sounder module for splitting the sounder line output into 4 monitored outputs (2 A)

Fire control panel FC722-ZZG

consisting of:

Control unit
Optional:
– Event printer FTO2001-A1
– Key switch Kaba FTO2005-C1

Cloud connectivity
– X200 Gateway

Housing
– Standard: 430x398x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 12 Ah

Order no.: S54400-C37-A1

Fire control panel FC722-ZA

consisting of:

Control unit
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 48 display groups each with one red, green and one yellow LED FCM7213-Y3
• Operating add-on, 96 display groups each with one red, green and one yellow LED FCM7214-Y3

Housing
– Comfort: 430x796x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54433-C113-A3

Fire control panel FC722-ZE

consisting of:

Control unit
– 48 display groups each with one red, green and one yellow LED
– Optional:
• Event printer FTO2001-A1
• Key switch Kaba FTO2005-C1
• Operating add-on, 96 display groups each with one red, green and one yellow LED FCM7214-Y3

Housing
– Comfort: 430x796x160 mm (WxHxD)
– 150 W power supply
– Max. battery capacity: 2x 26 Ah

Order no.: S54433-C113-A4

Fire control panel FC721 (1-loop)

Description

The FC721 is a compact fire control panel.
It has the following features:
– 1 C-NET loop
– Integrated inputs/outputs for peripherals
– Integrated control unit
– Integrated power supply
– Automatic configuration

Technical data

C-NET detector lines
– Number of addresses: max. 126
– Number of integrated loops/stubs: 1/2

Inputs and outputs
– 1 relay output for RT alarm
– 1 relay output for RT fault
– 1 monitored alarm output
– 1 monitored fault output
– 1 monitored sounder output (1 A)
– 4 configurable inputs/outputs DC 24 V
– 1 Ethernet connection (RJ45)

Fire control panel FC721-ZZ

consisting of:

Control unit
– Optional: key switch Kaba FTO2005-C1

Housing
– Eco: 430x398x80 mm (WxHxD)
– 70 W power supply
– Max. battery capacity: 2x 7 Ah

Order no.: S54400-C32-A2

Fire control panel FC721-YZ

consisting of:

Control unit
– 24 display groups each with one red, green and one yellow LED
– Optional: key switch Kaba FTO2005-C1

Housing
– Eco: 430x398x80 mm (WxHxD)
– 70 W power supply
– Max. battery capacity: 2x 7 Ah

Order no.: S54400-C32-A3

Detailed planning information

Detailed information for planning of the system are available in the planning document, Doc. ID A6V10210362.

C-NET

(For further details see also the Cerberus PRO Planning Tool – C-NET devices)

Manual call point, red FDM221

ASA neural fire detector OOH740

Voice sounder beacon FDS227-RR

Floor repeater terminal FT2010-A1
Used for the display and control of messages from the monitored area

Properties
– Max. 8 FT2010/FT2011 per FC721/FC722
– Max. 16 FT2010/FT2011 per FC724
– Max. 50 FT2010/FT2011 per FC726

Order no.: A5Q00014104

FDA241
ASD from Siemens
The FDA241 is a very early warning dual wavelength (blue and infrared) smoke detector designed to protect small business-critical environments up to 800 m².

Order no.: S5433-F14-A1

FP120-Z1
Power supply kit A (70 W)
The standalone power supply converts the mains voltage to system voltage and charges the batteries.

Order no.: S54400-S122-A1

Legend for the interfaces and networks:

Serial interfaces	One optional RS232 and/or one RS485 interface (also freely combinable) per panel or fire terminal
Backbone (C-WEB/LAN)	Network for connecting clusters
Cluster (C-WEB/SAFEDLINK)	Network for connecting panels
C-NET	Network for connecting Cerberus PRO addressable devices
C-NET-Ex	Network for connecting Cerberus PRO addressable Ex devices

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