



SecuriFire 500/1000/2000/3000

Product Catalogue 2020

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1. Introduction



Twice the design, twice as safe.

A fire at a company destroys far more than just property:

It also puts human life at risk and can threaten the economic existence of any business. So the quicker it is detected, the less chance it has of triggering a sequence of disastrous events.

With SecuriFire from Securiton you have at your service a fire detection system that frankly leaves all previous systems standing when it comes to high-tech intelligence and reliability. SecuriFire boasts an innovation that is certainly causing a stir. Its fully redundant system architecture provides twice the safety, and that means that a complete system failure can, in all probability, be excluded. All the hardware and software components have been duplicated, operating in parallel in two separate autonomous systems. If the active system fails, the secondary system takes over full operations – seamlessly.

For a safety map that leaves no blanks.

SecuriFire literally grows along with the tasks you set the system. Indeed the fire detection system is simple to expand or to reduce. Once you have defined your needs, the system topology is adapted accordingly. And thanks to SecuriFire's unique flexibility you obtain exactly the level of protection you need for each area of your building: no more, but – more importantly – no less.

All under control at all times – with the SecuriFire Studio programming tool.

What do you need to plan, program and commission your SecuriFire system? It is simple: a laptop computer. The SecuriFire Studio is an amazing piece of programming equipment. The tool guides you step by step until you have found exactly the right solution for your particular fire detection system. You are able intuitively to design the system topology, position the control units and SecuriLines within the building, and select the right detection and peripheral equipment. It goes without saying that you also have the full support of Securiton's own fire detection specialists. Even when you're redesigning or expanding your company, the programming tool helps you save a lot of time and money. All you have to do is to download the planning data via a service interface to a control unit. The data is then distributed throughout the system using the SecuriLan.

Relax – we're with you all the way.

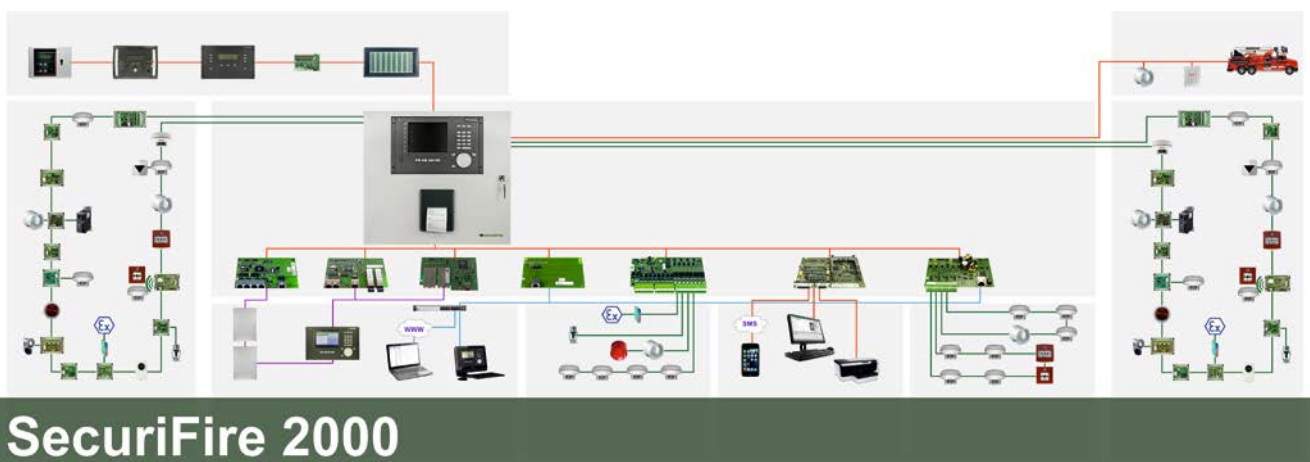
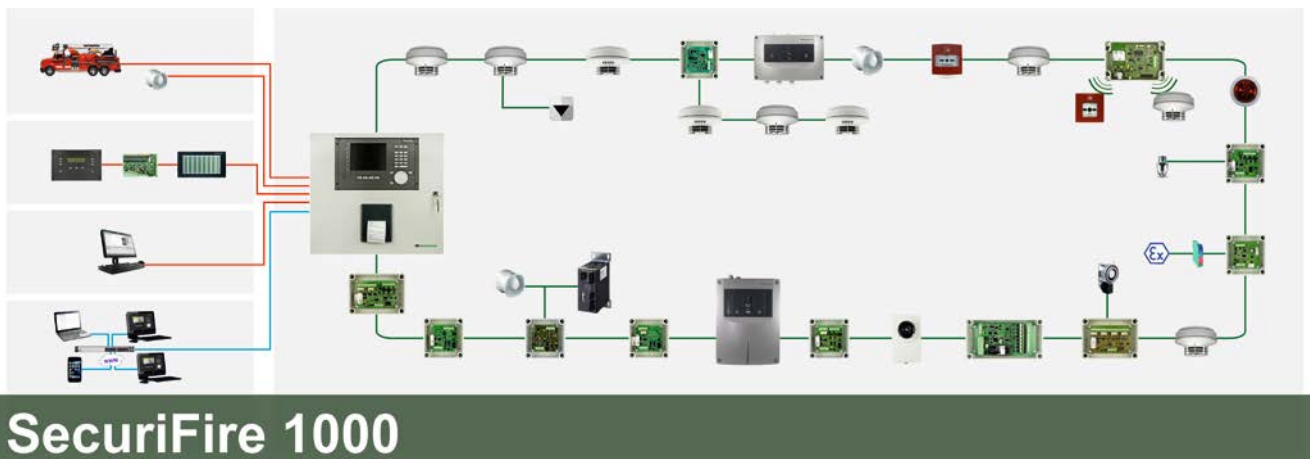
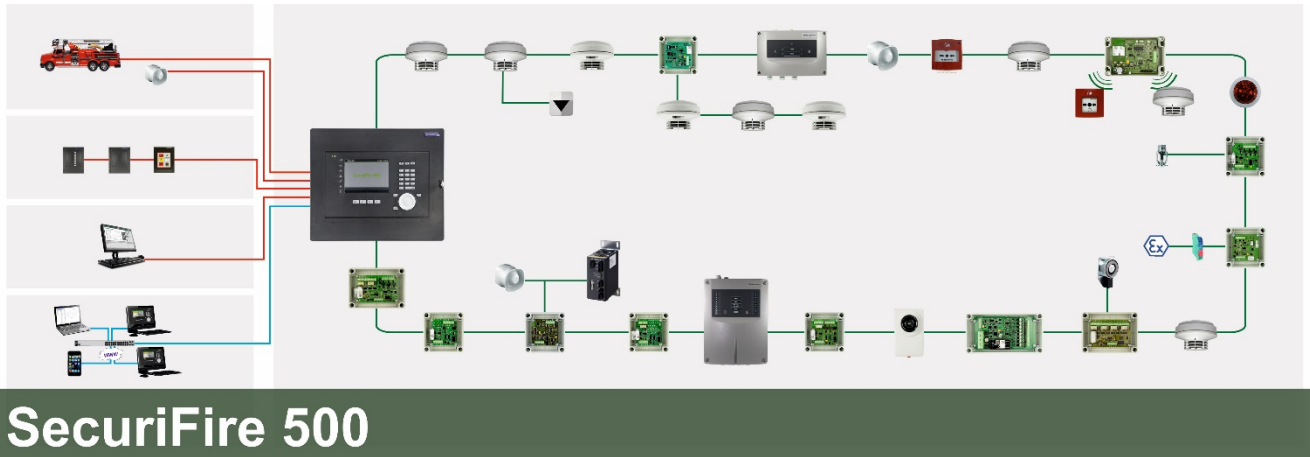
Security professionals want a strong partner. A partner they can trust whatever happens – Especially when the going gets tough.

A collaboration with Securiton fits the bill perfectly: the combination of personal consultations, unmatched technical know-how and proximity of our services means all you have to do is relax. Welcome to the safe side.

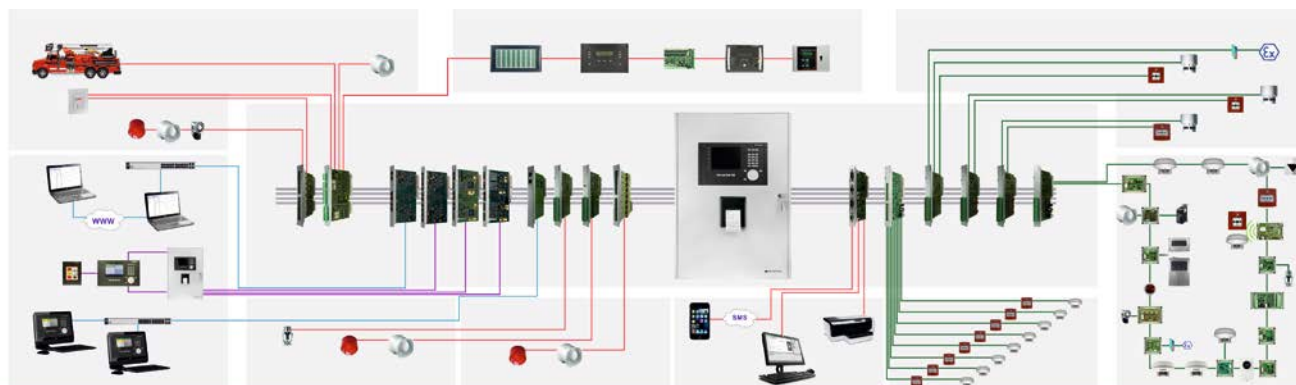
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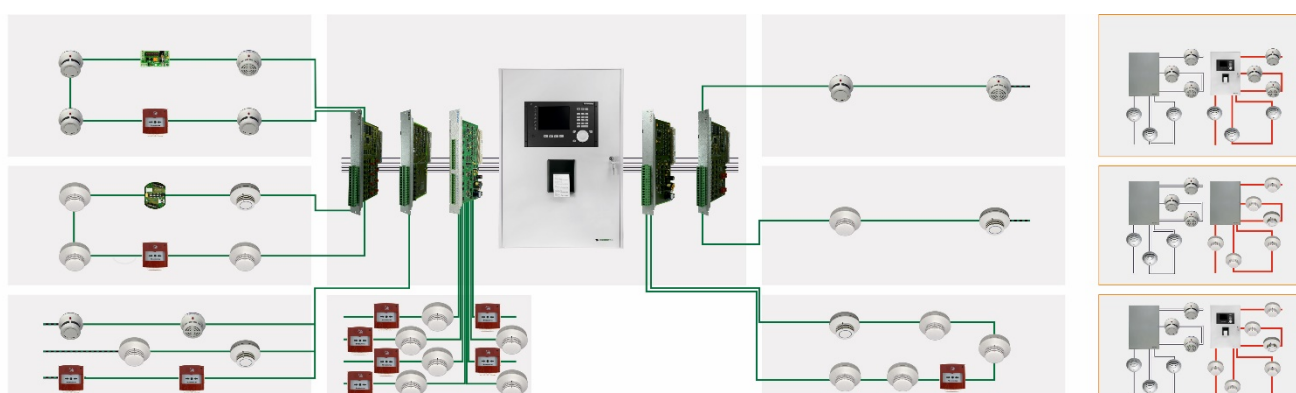
2. System Overviews



System Overviews



SecuriFire 3000



SecuriFire Modernisation

3. SecuriFire System Comparison Chart

	SecuriFire 500	SecuriFire 1000	SecuriFire 2000	SecuriFire 3000
Loops	1	1	Up to 4	Up to 16
Optional: Input / Output	-	X	X	X
Optional: 485/IP Network	-	-	X	X
Optional: Collective detectors	-	-	X	X
Power supply	2,4 A	4 A	4 A	7 A
Extinguishing certified EN12094	-	-	X	X
MMI-BUS	-	X	X	X
EPI-BUS	X	X	X	X
SecuriLan	-	-	X	X
Monitored Input	2	2	2	X
Monitored Output	2	2	2	X
Relay	3	5	5	X

4. Fire Alarm Control Panels

4.1. SecuriFire 500

SCP 500 Cabinet



B7-SCP520

SecuriFire 500 Basic Version,
with built-in operating panel

20-1151000-01-03

SecuriFire 500 basic version including:

- Polycarbonate cabinet (grey)
- B7-CPB11 Central Processor Unit
- Battery compartment

Mains voltage / Frequency:

110/230 VAC +10%-15% 47-63 Hz

Power consumption: max. 90 W

Output voltage: 26,3 V DC (+50°C) to 28,3 V DC (0°C)

Output current: 2,4 A

Protection class (DIN 40050): IP30

Operating temperature: -5°C to +50°C

Weight of basic version: 2,3 kg (without batteries)

Dimensions (HxWxD): 300 x 360 x 80 mm

Cabinet: Polycarbonate

Color: anthracite grey (RAL 7016)

Approvals

VdS-Approval: G 212112

S 212006

Declaration of Performance (DoP): CPR-10-18-203

4.2. SecuriFire 1000

SCP 1000 Cabinet



B6-SCP1020A

SecuriFire 1000 Basic version,
with built-in operating panel

20-1150020-01-01

SecuriFire 1010A basic version including:

- Sheet steel cabinet (grey)
- DOM-cylinder lock
- B6-BCB12A Central processor unit
- B9-PSU Power supply unit (110/230 VAC)
- Power clips and battery cable
- Battery compartment

Mains voltage / Frequency:

110/230 VAC + 10% - 15% 47 – 63 Hz

Power consumption:

max. 160 W

Output voltage: 26,3 V DC (+50°C) to 28,3 V DC (0°C)

Output current:

3,9 A

Protection class (DIN 40050):

IP30

Operating temperature:

-5°C to +50°C

Weight of basic version:

8 kg (without batteries)

Dimensions (HxWxD):

445 x 400 x 140 mm

Cabinet:

Sheet steel

Color:

light grey (RAL 7035)

Approvals

VdS-Approval:

G 209049

S 209049

Declaration of Performance (DoP):

CPR-10-18-201

Fire Alarm Control Panels

4.3. SecuriFire 2000

SCP 2000 Cabinet



SCP 2010A



SCP 2020A



SCP 2030A



SCP 2040A



SCP 2050A

B6-SCP2010A	Basic version	20-1150011-01-01
B6-SCP2020A	with built-in operating panel	20-1150012-01-01
B6-SCP2030A	with built-in operating panel and printer	20-1150013-01-01
B6-SCP2040A	with built-in operating panel, printer and cut out for EPI devices or Ext. Zone panel	20-1150014-01-01
B6-SCP2050A	with built-in operating panel, and cut out for EPI device	20-1150015-01-01

SecuriFire 2010A basic version including:

- Sheet steel cabinet (grey)
- DOM-cylinder lock
- B6-BCB13A Central processor unit
- B9-PSU Power supply unit (110/230 VAC)
- Power clips and battery cable
- Battery compartment

Mains voltage / Frequency:	110 / 230 VAC + 10% - 15% 47 - 63 Hz
Power consumption:	max. 160 W
Output voltage:	26,3 V DC (+50°C) to 28,3 V DC (0°C)
Output current:	3,9 A
Protection class (DIN 40050):	IP30
Operating temperature:	-5°C to +50°C
Weight of basic version:	8 kg (without batteries)
Dimensions (HxWxD):	445 x 400 x 140 mm
Cabinet:	Sheet steel
Color:	light grey (RAL 7035)

Approvals

VdS-Approval:	G 209047 S 209047
Declaration of Performance (DoP):	CPR-10-18-202

Accessories

SD Card for B5/B6	SD-CARD	FG020325
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4.4. SecuriFire 3000

SCP 3000 Cabinet



SCP 3010A



SCP 3020A



SCP 3030A



SCP 3040A



SCP 3050A

B5-SCP3010A	Basic version	20-1050001-01-01
B5-SCP3020A	with built-in operating panel	20-1050002-01-01
B5-SCP3030A	with built-in operating panel and printer	20-1050003-01-01
B5-SCP3040A	with built in panel, printer and cut out for EPI-device	20-1050004-01-01
B5-SCP3050A	with built in panel, printer and cut out for MMI-device	20-1050005-01-01

SecuriFire 3010A basic version including:

- Sheet steel cabinet (grey)
- DOM-cylinder lock
- B5-MCB15A Central Processor Unit
- B8-PSU power supply unit (110/230 VAC)
- Module rack with B8-BUS backplane
- Battery compartment

Mains voltage / Frequency:

110 / 230 VAC + 10% - 15% 47 - 63 Hz

Power consumption: max. 280 W

Output voltage: 26,3 V DC (min. At +50°C)

Output current: 7,1 A

Protection class (DIN 40050): IP30

Operating temperature: -5°C to +50°C

Weight of basic version: 23,5 kg (without batteries)

Dimensions (HxWxD): 470 x 670 x 230 mm

Cabinet: Sheet steel

Color: light grey (RAL 7035)

Approvals


















VdS-Approval: G 209045
S 209045

Declaration of Performance (DoP): CPR-10-18-200

Accessories		
B5 Advanced Upgrade Kit, SecuriFire	B5-UGKA-SF	20-1050101-01-01
SD Card 1GB for B5/B6	SD-CARD	FG020325

Fire Alarm Control Panels

4.5. SecuriFire Accessories

SecuriFire Control Panel Accessories			
Replacement control boards / indication panels			
	Main Indication & Control Panel, non-redundant, for SCP1000A /2000A	B9-MIC11	20-1150200-01-01
	Main Indication & Control Panel, redundant, for SCP3000A	B8-MIC11	20-1050200-01-01
Replacement power supply			
	Battery cable set for SF500	B7 BATKAB	20-1140000-01-01
	Battery cable for SF1000/2000	B6 BATKAB	EI29940
	Battery cable set for SF3000	B5 BATKAB1	FG29910
	Battery cable set long for SF 3000	B5 BATKAB2	FG29911
	Fuse 8A SI for battery cable	ZUB SICH8	IS625040
	Battery Extension Box (key lock), max 2 x 12V/45 Ah, size like SecuriFire 3000	B5-ADB 11	10-2000001-01-02
	Battery Extension Box, max 2 x 12V/17 Ah, size like SecuriFire 2000	B6-ADB 10	10-2000002-01-02
Connection cables			
	Cable for MMI-BUS with connector (between BAF/PSU and MMI-BUS part.)	B5-ST5-MMI-SUB	20-1060040-01-01
	Cable for MMI-BUS with connector (between two MMI-BUS part.)	B5-ST5-MMI	20-1060041-01-01
	Main connection terminals for PSU	B5-ST5-KL	20-1060045-01-01
Printer			
	Protocol printer device	B5-PDR-DW	FG030550
	Internal printer I/F	B5-PIF	EG072906
	External printer I/F	B5-PIE-A	EG072914
Various spare parts			
	Key for SCP520	DKM SCHL	FG020015
	Blind plate for covering free slots	B5-BFP	FG06240-9

4.6. Demo and Test Equipment

SecuriFire 500 Democase



SF 500 DCU

249706

The SFD500 is a demonstration case for SecuriFire Containing B7-SCP520, 1x MCD 573X-SP, 1x CCD 573X, 1x USB 502-20, 1x USB 502-6, 1x RAL 720X and 1x MCP 535X.

For sales demonstration

- Compact Dimension
- Incl. power cable (swiss standard)
- Incl. universal adapter (worldwide)
- Incl. LAN cable to connect the SecuriFire Studio

Power consumption:	max. 75 W
Operating temperature:	-5°C to +50°C
Weight:	9,5 kg
Dimensions (HxWxD):	395 x 422 x 242 mm

5. Software Dongles & Licences

SecuriFire Studio:	SecuriFire Studio is the standard PC application complete with all software modules (programs) for project planning, commissioning, maintenance and diagnostics of all control-, indication panels and control maps belonging to the SecuriFire system family and for the detector loop periphery.
Virtual Mic:	The virtual control panel SecuriFire VirtualMIC provides a clearly structured, standard-compliant display and control of the fire detection system on a local PC.
Additional Language:	Following additional languages are available: German, English, Czech, Slovak, Hungarian, Italian, Latvian, Croatian, Russian, Swedish, Turkish, Dutch, Romanian, French, Danish, Slovenian, Serbian, Bulgarian, Spanish, Portuguese, Estonian, Bosnian, Arabic, Finnish, Norwegian, Flemish
Detector Stimulation:	Alarm stimulation and system check on detector for testing purpose. SecuriFire unit doesn't see stimulation, Alarm looks like a real alarm (Execution of macros, etc.)
SecuriWan:	Superordinate, multi-site fire alarm network

Dongle order form available on the Securiton Homepage:

<http://www.securiton.com>

SecuriFire Studio

License SecuriFire Studio	LIC Studio	VE010962
SecuriFire Virtual MIC simulation on PC (unlimited license)	L MIC Sim	VE010965
Additional Language (check library for availability)	LIC MIC Lang	VE010959
Detector Stimulation (only in combination with SecuriFire available)	LIC Det. Stim	VE010966

SecuriWan

SecuriWan 2.0 normative	SecuriWan 2.0 norm	VE010970
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Securiton Dongles

Dongle for Securiton Applications (without license)	ULM-DP	VE100450
Dongle for Securiton Applications (without license) Pack of 5 Dongles	ULM-DP 5	VE100451
Dongle for Securiton Applications (without license) Pack of 10 Dongles	ULM-DP 10	VE100452

6. Indication and Operating Panels

The SecuriFire standard indication and control maps provide well-organized, convenient, standards-compliant display and operation of a SecuriFire system and can be built into an FCP or separately mounted in their own housings. For VdS approvals please consult the device approvals of the SecuriFire fire alarm control panels.

6.1. Built-in Indication and Operation Panels

Sector extinguisher display



B4-EIP

w/o housing, for panel integration

FG81624A9K

Single-zone extinguisher display, for mounting in a SCP 2040/2050.

Internal LED control panel for one extinguishing area,

- Display foil with 12 LEDs for extinguishing area
- Collective display with 9 LEDs
- Key switch for maintenance, extinguishing area in revision
- Labelling is by means of insertion strips

Operating voltage:	22 to 30 V
Current consumption:	2 mA
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	145 x 98 x 35 mm

Built in Fire brigade panel CH (for Switzerland)



B5-EPI-FPC-E

w/o housing, for panel integration

20-1240001-01-02

Fire brigade panel, for mounting in a SCPxxxx.

Providing an easy man-machine-interface for the fire brigade.

- Language independent application by means of pictograms.
- Connection to EPI-BUS(cable included)

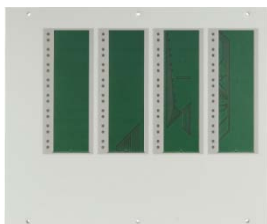
Operating voltage:	22 to 30 V
Current consumption:	2 mA
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	145 x 98 x 35 mm

Accessories

Spare Key for B5-EPI-FPC	Z 12600 SEA	98191
Spare Lock 90° Z12600 for B5-EPI-FPC	SEA ZYL.4.022.2	196282

Indication and Operating Panels

Indication map for 32 alarm lines



B8-MMI-EAT32 BFE w/o housing, for panel integration

20-1240302-01-01

LED indicator panel for indication of alarm, fault and disablement states for 32 detector zones.

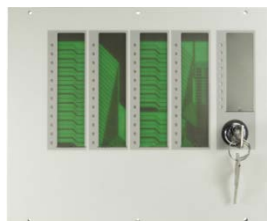
The labelling uses push-in strips.

Templates for push-in strips available in SecuriFire Studio.

- Connection to EPI-BUS(cable included)

Operating voltage:	10 to 30 V DC
Current consumption:	2 mA per lit LED
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	185 x 220 x 35 mm

Panel for 4 extinguishing areas



B8-MMI-IPES BFE w/o housing, for panel integration

20-1240303-01-02

LED indicator panel for indication of alarm, fault and disablement states for 4 extinguish zones.

The labelling uses push-in strips.

Templates for push-in strips available in SecuriFire Studio.

- Connection to MMI-BUS(cable included)

Operating voltage:	10 to 30 V DC
Current consumption:	2 mA per lit LED
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	185 x 220 x 35 mm

6.2. External Indication and Operating Panels

The SecuriFire standard indication and control maps provide well-organized, convenient, standards-compliant display and operation of a SecuriFire system and can be built into a FCP or separately mounted in their own housings.

External devices and indication and control maps can be connected to the "EPI-BUS" on each MIC. A maximum of 3 participants can be connected to this data bus at a distance of up to 1 m from the main indication and control map MIC.

Main indication and control map (redundant)



B5-MIC711

20-1230006-01-01

External main indication and control panel for SecuriFire 3000.

User-friendly full operation with "SecuriWheel" and system symbols.

- RS485 interface
- for SecuriFire LAN
- 5.7" TFT-Color Display
- Operation with scroll wheel or functional keys
- 4 different languages changeable online
- Customized menus (optional)
- Up to 1200-m distance between MIC711 and central
- Redundant by double ring crosslinking
- Crosslinking with Ethernet protocol possibly (RX/TX)
- EPI-BUS- Interface
- Interface for external printer B5-MIC-PPE

Operating voltage:	10 to 30 V DC
Current consumption:	213 mA
Protection class:	IP 42
Operating temperature:	-5°C to +50°C
Weight:	1445 g
Dimensions (HxWxD):	276 x 170 x 54 mm
Color:	anthracite grey (RAL 7016)

Indication and Operating Panels

Main indication and control map (non redundant)



20-1230003-01-02

B6-MIC711



External non redundant main indication and control panel for SecuriFire 2000.

User-friendly full operation with "SecuriWheel" and system symbols.

- RS485 Interface
- for SecuriFire LAN
- 5.7" TFT-Color Display
- Operation with scroll wheel or functional keys
- 4 different languages changeable online
- Customized menus (optional)
- Up to 1200-m distance between MIC711 and central
- Crosslinking with Ethernet protocol possibly (RX/TX)
- EPI-BUS- Interface
- Interface for external printer B5-MIC-PPE

Operating voltage:	10 to 30 V DC
Current consumption:	165 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Weight:	1190 g
Dimensions (HxWxD):	276 x 170 x 54 mm
Color:	anthracite grey (RAL 7016)

Floor indication panel



B5-MMI-FIP

20-1230005-01-01

The SecuriFire floor indication panel provide well organized and convenient announcement of the conditions of the SecuriFire - system.

It contains a monochrome LCD display with 6 lines for the indication of all investment conditions in the clear text.

No inscription on housing front (only announcement elements).

- Connection to MMI-BUS
- LCD display with 6 lines
- Up to 1200-m distance between FIP and central
- EPI-BUS-Interface

Operating voltage:	10 to 30 V DC
Current consumption:	49 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Weight:	775 g
Dimensions (HxWxD):	276 x 170 x 48 mm
Color:	anthracite grey (RAL 7016)

Empty housing with blind cover



EHB 701-1

EPI panel size

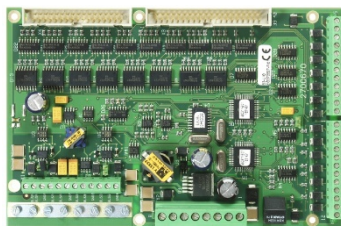
12-4400038-01-01

The EHB 701 Empty Housing with Blind cover is for the SecuriFire fire alarm control panel or the SecuriSafe intrusion control panel. It can be used as a distributor box, installation box, or for similar applications.

Protection class:	IP42
Dimensions (HxWxD):	137,5 x 170 x 85 mm
Color:	anthracite grey (RAL 7016)

Indication and Operating Panels

Universal input-output module



B3-MMI-UIO

EN 54-18

EG072827

For controlling the floor plan and parallel display panels or as a remotely located input/output module for querying potential-free contacts (sprinkler systems), or also for controlling non-monitored horns, lamps, relays etc.

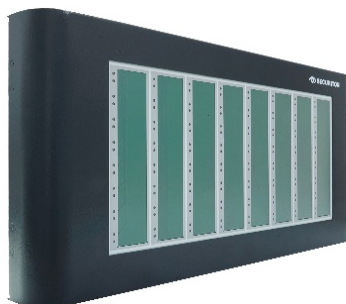
- RS485 interface
- Connection to MMI-BUS
- DIN 19244-3 Protocol
- MMI-BUS-Interface
- Cable length input/output max. 100m

Operating voltage:	10 to 30 V DC
Current consumption:	14 mA
Output voltage:	max. 30 V
Input voltage:	5 V
Operating temperature:	0°C to +50°C
Weight:	150 g
Dimensions (HxWxD):	160 x 105 x 20 mm

Assembly hint:

The box UIO GEH must be ordered separately
See accessories for SecuriFire Units and Boards

External Indicator Panel for 64 DZ



B3-MMI-EAT64-S

20-1230119-01-01

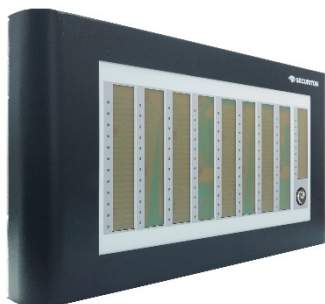
LED indicator panel for indication of alarm, fault and disablement states for 64 detector zones. The labelling uses push-in strips.

Templates for push-in strips available in SecuriFire Studio.

- RS485 interface
- Connection to MMI-BUS
- DIN 19244-3 Protocol
- Up to 1200-m distance between EAT64 and central

Operating voltage:	10 to 30 V
Current consumption:	2 mA per lit LED
Protection class:	IP30
Operating temperature:	0°C to +50°C
Dimensions (HxWxD):	228 x 445 x 48 mm
Color:	anthracite grey (RAL 7016)

External indicator panel for 8 extinguishing zones



B3-MMI-IPEL-S

20-1230120-01-02

External LED indicator panel for eight extinguishing zones (twelve LEDs per extinguishing zone and group indicator with nine LEDs), including case, key switch and controller module. The labelling uses push-in strips.

Templates for push-in strips available in SecuriFire Studio.

- RS485 interface
- Connection to MMI-BUS
- DIN 19244-3 Protocol
- Up to 1200-m distance between IPEL and central

Operating voltage:	10 to 30 V
Current consumption:	2 mA per lit LED
Protection class:	IP30
Operating temperature:	0°C to +50°C
Dimensions (HxWxD):	228 x 445 x 48 mm
Color:	anthracite grey (RAL 7016)

Indication and Operating Panels

Intervention panel SV (for Sweden)

SBSC



B5-MMI-IPS-S

20-1230114-01-02

Swedish intervention panel. Displays the relevant operating states to ensure simple operation by the fire brigade. Display message and labels are in Swedish language

- Connection to MMI-BUS
- Up to 1200-m distance between MMI-IPS and central

Operating voltage:	10 to 30 V
Current consumption:	49 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Weight:	500 g
Dimensions (HxWxD):	227 x 170 x 40 mm
Color:	anthracite grey (RAL 7016)

Fire brigade panel SV (for Sweden)

SBSC



B5-MMI-FPS-S

MMI-BUS

20-1230117-01-01

B5-EPI-FPS-S

EPI-BUS

20-1230113-01-02

Swedish fire brigade panel. Displays the relevant operating states to ensure simple operation by the fire brigade. Display message and labels are in Swedish language

Display message and labels are in Swedish language

- B5-MMI-FPS-S connection to MMI-BUS
- B5-EPI-FPS-S connection to EPI-BUS
- Up to 1200-m distance between MMI-FPS / EPI-FPS and central

Operating voltage:	10 to 30 V
Current consumption:	MMI: 49 mA EPI: 11 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Weight:	500 g
Dimensions (HxWxD):	227 x 170 x 40 mm
Color:	anthracite grey (RAL 7016)

Fire brigade panel CZ (for Czech Republic)



B5-EPI-FPCZ

EPI-BUS

20-1240121-01-02

B5-MMI-FPCZ

MMI-BUS

20-1240201-01-01

DIN 14662 compliant fire brigade panel indicator panel. Displays the relevant operating states to ensure simple operation by the fire brigade. Provides an interface for extending the installation by a DIN14661 compliant fire brigade control panel. Display message and labels are in Czech language.

- RS485 interface
- Connection to EPI-BUS / MMI-BUS
- DIN 19244-3 Protocol
- Up to 1200-m distance between FPCZ and central

Operating voltage:	10 to 30 V
Current consumption:	MMI: 58 mA EPI: 6 mA
Protection class:	IP30
Operating temperature:	0°C to +50°C
Weight:	2200 g
Dimensions (HxWxD):	185 x 255 x 65 mm
Color:	pebble grey (RAL 7032)

Fire brigade panel CH (for Switzerland)



B5-EPI-FPC-GS

20-1230001-01-02

Fire brigade panel providing an easy man-machine-interface for the fire brigade. Features a language independent application by means of pictograms. Fits neat & nice beside a MIC711 and connects via its EPI bus (cable included).

- Connection to EPI-BUS
- Up to 1200-m distance between EPI-FPC and central

Operating voltage:	22 to 30 V
Current consumption:	2 mA
Protection class:	IP30
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	170 x 138 x 48 mm
Color:	anthracite grey (RAL 7016)

Accessories

Spare Key for B5-EPI-FPC	Z 12600 SEA	98191
Spare Lock 90° Z12600 for B5-EPI-FPC	SEA ZYL.4.022.2	196282

Indication and Operating Panels

Partial Indication and Control Map



B5-EPI-PCM-GS

20-1230111-01-02

For switching and indicating functions in a SecuriFire system. Functions on buttons and LEDs can be configured via software.

- 16 LEDs (8 red and 8 yellow, pair wise)
- 8 push buttons
- Connection to EPI-BUS

Operating voltage:	22 to 30 V
Current consumption:	5 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	170 x 138 x 48 mm
Color:	anthracite grey (RAL 7016)

Partial Indication Map



B5-EPI-PIM-GS

20-1230112-01-02

For status indication of detectors, zones or any other system parts. LEDs can be configured via software.

- 32 LEDs (16 red and 16 yellow, pair wise)
- Connection to EPI-BUS

Operating voltage:	22 to 30 V
Current consumption:	5 mA
Protection class:	IP42
Operating temperature:	-5°C to +50°C
Dimensions (HxWxD):	170 x 138 x 48 mm
Color:	anthracite grey (RAL 7016)

Printer for MIC711



B5-MIC-PPE

20-1230002-01-01

Protocol printer for hard copy documentation of logged events. Comes in a MIC size housing and with the cable to connect it to the MIC711.

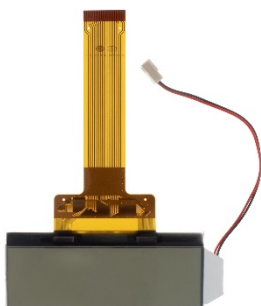
Operating voltage:	10 to 30 V
Current consumption:	0 mA
Current consumption (print):	35 mA
Protection class:	IP30
Operating temperature:	0°C to +50°C
Dimensions (with case) (HxWxD):	170 x 138 x 62 mm
Color:	anthracite grey (RAL 7016)

Accessories

Color cartridge for printer	PD FRB	HG694076
Paper roll for printer	PD PPR	PPF-519057

6.3. Accessories for Indication and Operating Panels

LC-Display for indication panels



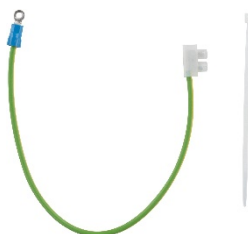
CSM 6789

20-1400210-01-01

The LC display CSM 6789 is available as spare part for following indication and control panels

- Firebrigade panel sweden:
B5-MMI-FPS / B5-EPI-FPS (all versions)
- Intervention panel sweden:
B5-MMI-IPS (all variations)
- Firebrigade panel finland: B5-MMI-FPF (all variations)
- Floor indication panel SecuriFire: B5-MMI-FIP

Ground connection set for control panels



EARTH-SET

20-1400030-01-01

Ground connection set to avoid EMC problems.

When there is no protective conductor (PE) or it is not certain that equipotential bonding is available and the MMI bus is more than 250m away from the control panel.

When powered by an external power supply.

The following products can be grounded using the EARTH-SET:

- B5-MMI-FPS (all versions)
- B5-MMI-IPS (all versions)
- B5-MMI-FPF (all versions)
- B5-MMI-FIP
- B5-MIC711
- B6-MIC711

Indication and Operating Panels Accessories

Housing parts



Covering Strip (2 pcs.)

COS701-1

12-4400051-01-01



Back housing part for
B5-MIC711

HOP 703-1

10-2300002-01-01



Housing part for EHB 701-1

HOP 701-1

12-4400052-01-01

19" Cabinet Equipment

7. 19" Cabinet Equipment

Rack Version, incl. B8-PSU, B8-BUS,
B8-MCB15, Battery compartment



B5-STB-BGTA-SF

20-1060013-02-01

SecuriFire 3000A B8 Rack for mounting in a 19" standing cabinet.

Inclusive:

- B8-PSU
- B8-BUS
- B5-MCB15A
- Battery compartment B5-STB-AF

Accessories

Cable for MMI-BUS	B8-STB-MMI-BAF	20-1060046-01-01
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Battery compartment for standing cabinet



B5-STB-AF

20-1060007-01-01

Battery compartment to store batteries in a 19" standing cabinet.

Color: anthracite grey (RAL 7016)

Additional frame 19"



B5-STB-19-ME

246514

19" frame for additional SecuriFire 3000A B8 unit racks.

Height units: 5 RU

Material: Stainless Steel

Front plate for MIC711 or 2 EPI devices



B5-STB-MIC

20-1060004-01-02

Front plate for MIC711 or 2 EPI devices, for mounting in a 19" standing cabinet.

Height units: 5 RU

Color: anthracite grey (RAL 7016)

Front plate for MIC711 and EPI device



B5-ST5-MIC2

20-1060015-01-01

Mounting frame for 19" standard closet with cut out for one MIC711 and EPI device or 3 EPI devices.

Height units: 5 RU

Color: anthracite grey (RAL 7016)

Printer for 19"



B5-ST5-PR-2

20-1060001-01-02

Front plate for a protocol printer, for mounting in a 19" standing cabinet.

Height units: 5 RU

Color: anthracite grey (RAL 7016)

Blind plate small for 19"



B5-ST5-BFP2-2

20-1060008-01-01

Blind front plate small, for mounting in a 19" standing cabinet.

Height units: 1 RU

Color: anthracite grey (RAL 7016)

Blind plate for 19"



B5-ST5-BFP2

20-1060003-01-01

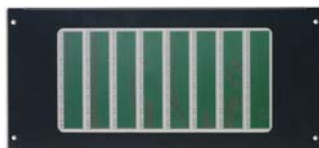
Blind front plate, for mounting in a 19" standing cabinet.

Height units: 5 RU

Color: anthracite grey (RAL 7016)

19" Cabinet Equipment

External Indicator Panel for 64 DZ 19"



B5-STSEAT64-2

20-1060011-01-01

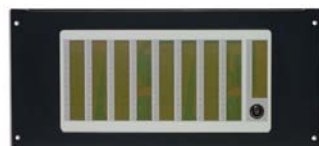
LED indicator panel 19" for indication of alarm, fault and disablement states for 64 detector zones. The labelling uses push-in strips.

Templates for push-in strips available in SecuriFire Studio.

- RS485 interface
- Connection to MMI-BUS
- DIN 19244-3 Protocol
- Up to 1200-m distance between EAT64 and central

Operating voltage:	10 to 30 V
Current consumption:	2 mA per lit LED
Height units:	5 RU
Color:	anthracite grey (RAL 7016)

External Indicator Panel for 8 exting. zones 19"



B5-STSIPEL-2

20-1060012-01-02

External LED indicator panel 19" for eight extinguishing zones (twelve LEDs per extinguishing zone and group indicator with nine LEDs), including case, key switch and controller module. The labelling uses push-in strips.

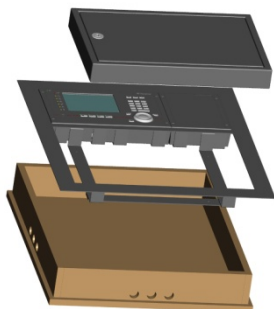
Templates for push-in strips available in SecuriFire Studio.

- RS485 interface
- Connection to MMI-BUS
- DIN 19244-3 Protocol
- Up to 1200-m distance between EAT64 and central

Operating voltage:	10 to 30 V
Current consumption:	2 mA per lit LED
Height units:	5 RU
Color:	anthracite grey (RAL 7016)

8. Flush Mounting Frames

Flush mounting kit for MIC711, EPI device and plan box



FME 70-1 (grey RAL 7016) **12-4400004-01-01**

FME 70W-11 (white RAL 9016) **12-4400004-11-01**

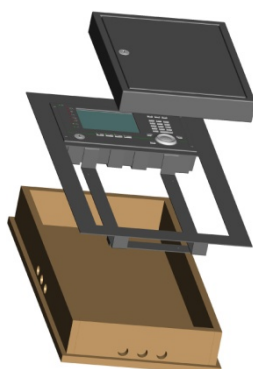
Consists from flush mounting case with frame and attachment screw, to SecuriFire indication and control panels. Incl. plan box PLB 70-1/PLB 70W-11
- 1 MIC and 1 small operating device and 1 plan box

Dimensions (HxWxD): 542 x 495 x 90 mm

Color: anthracite grey (RAL 7016)
traffic white (RAL 9016)

Accessories		
Frame for flush mounting	FFM 70-1	12-4400002-01-01
Frame for flush mounting white	FFM 70W-11	12-4400002-11-01
Flush mounting case	FMC 70-1	12-4400003-01-01
Plan box	PLB 70-1	12-4400001-01-01
Plan box white	PLB 70W-11	12-4400001-11-01
Spare Key for plan box	Z 12600 SEA	98191

Flush mounting kit for MIC711 and plan box



FME 71-1 (grey RAL 7016) **12-4400013-01-01**

Consists from flush mounting case with frame and attachment screw, to SecuriFire indication and control panels. Incl. plan box PLB 71-1.
- 1 MIC and 1 plan box

Dimensions (HxWxD): 617 x 357 x 90 mm

Color: anthracite grey (RAL 7016)

Accessories		
Frame for flush mounting	FFM 71-1	12-4400009-01-01
Flush mounting case	FMC 71-1	12-4400005-01-01
Plan box	PLB 71-1	12-4400017-01-01
Spare Key for plan box	Z 12600 SEA	98191

Flush Mounting Frames

Flush mounting kit for MIC711



FME 73-1 (grey RAL 7016)

12-4400015-01-01

Consists from flush mounting case with frame and attachment screw, to SecuriFire / SecuriSafe indication and control panels.

- 1 MIC or 2 small operating device

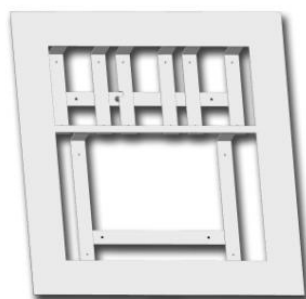
Dimensions (HxWxD): 251 x 357 x 90 mm

Color: anthracite grey (RAL 7016)

Accessories

Frame for flush mounting	FFM 73-1	12-4400011-01-01
Flush mounting case	FMC 73-1	12-4400007-01-01

Modernisation flush mounting frame



FFM 90-1 (grey RAL 7016)

10-2300001-01-01

FFM 90W-1 (white RAL 9016)

10-2300001-11-01

Mounting frame for flush mounting equipment.
The FFM90x-x is a SecuriFire compatible frame and is designed for modernization of flush mounted SecuriPro operating panels.

- 1 MIC, 1 small control map and 1plan box

Dimensions (HxWxD): 620 x 570x 87 mm

Color: anthracite grey (RAL 7016)
traffic white (RAL 9016)

9. SecuriFire Units and Boards

9.1. SecuriFire 500 Units

Every basic version of the SecuriFire 500 fire alarm control panel, includes the central processor unit B7-CPB11, there is no additional power supply necessary as it is included on the main control unit. The SecuriFire 500 fire control panel is not extendable.

All SecuriFire 500 units are listed in the VdS G 212112 certificate.

Main control unit SF500



B7-CPB11

Repair replacement only

20-1151100-01-04

The B7-CPB11 main control unit is included in every SecuriFire SCP-520. In conjunction with the B9-PSU power supply unit, it forms the basis for the B6-Advanced SecuriFire SCP 1000A hardware platform. As the main computer board of every SecuriFire SCP 1000A, the B6-BCB13A stores all of the prepared data from the other units.

Mains voltage / Frequency:

110/230 V (-15% / +10%) 47 to 63 Hz

Power consumption:

max. 90 W

Output voltage:

26,3 V DC (+50°C) to 28,3 V DC (0°C)

Current consumption:

2,4 A

Weight:

510 g

SecuriFire Units and Boards

9.2. SecuriFire 1000 Units

Every basic version of the SecuriFire 1000A fire alarm control panel, includes the central processor unit B6-BCB 12A and the power supply unit B9-PSU.

The SecuriFire 1000A fire control panel is not extendable.

All SecuriFire 1000 units are listed in the VdS G 209049 certificate.

Main control unit 2000A



B6-BCB12A

Repair replacement only

20-1150101-01-01

The B6-BCB12A main control unit is included in the basic configuration of every SecuriFire SCP 1000A. In conjunction with the B9-PSU power supply unit, it forms the basis for the B6-Advanced SecuriFire SCP 1000A hardware platform. As the main computer board of every SecuriFire SCP 1000A, the B6-BCB13A stores all of the prepared data from the other units.

Mains voltage / Frequency:

110/230 VAC + 10% - 15% 47 – 63 Hz

Power consumption:

max. 160 W

Output voltage:

26,3 V DC (+50°C) to 28,3 V DC (0°C)

Weight:

373 g

Power supply unit 1000A / 2000A



B9-PSU

Repair replacement only

20-1100006-01-01

➔ SecuriFire 2000 Units and Boards

9.3. SecuriFire 2000 Units and Boards

Every basic version of the SecuriFire 2000A fire alarm control panel, includes the central processor unit B6-BCB 13A and the power supply unit B9-PSU.

The expansion boards B4 / B6 / B9-XXX must be equipped on the main unit. All plugs are enclosed. All SecuriFire 2000 units are listed in the VdS G 209047 certificate.

Main control unit 2000A



B6-BCB13A

Repair replacement only

20-1150100-01-01

The B6-BCB13A main control unit is included in the basic configuration of every SecuriFire SCP 2000A. In conjunction with the B9-PSU power supply unit, it forms the basis for the B6-Advanced SecuriFire SCP 2000A hardware platform. As the main computer board of every SecuriFire SCP 2000A, the B6-BCB13A stores all of the prepared data from the other units.

Mains voltage / Frequency:	110/230 VAC + 10% - 15% 47 – 63 Hz
Power consumption:	max. 160 W
Output voltage:	26,3 V DC (+50°C) to 28,3 V DC (0°C)
Operating temperature:	0°C to +50°C
Weight:	373 g

Power supply unit 1000A / 2000A



B9-PSU

Repair replacement only

20-1100006-01-01

The B9-PSU power supply unit is included in the basic configuration of every SecuriFire SCP 2000A. In conjunction with the B5-BCB13A main control board, it forms the basis for the B5-Advanced SecuriFire SCP 2000A hardware platform.

Mains voltage / Frequency:	110/230 VAC + 10% - 15% 47 – 63 Hz
Output voltage:	5 x 27 V DC
Output current:	3,9 A
Operating temperature:	0°C to +50°C
Weight:	1075 g

SecuriFire Units and Boards

SecuriLine eXtended board



B6-LXI2

20-1100002-01-01

For connecting a further two addressable loops with detectors and modules featuring SecuriLine eXtended addressable loop technology to the SecuriFire 2000. Alternatively one addressable loop and two stub lines or four stub lines can also be connected. The unit also has a LAN interface. This means that all the options of a LAN interface can be used even with 4 loops. The unit is fitted to the main control unit B6-BCB13A.

Power supply:	internal via System-BUS
Current consumption:	31 mA
Output voltage:	30 V DC $\pm 3\%$
Operating temperature:	-5°C to +50°C
Weight:	140 g

Network interface board



B6-NET2-485

EG072934

For redundant networking of SecuriFire 2000 control panels or for redundant connection of PC applications. The module consists of 2 network connectors (RS485 interface) and one 100Base-TX interfaces. The module is connected to the B6-BCB13A main processor unit.

Power supply:	internal via System-BUS
Current consumption:	53 mA
Operating temperature:	-5°C to +50°C
Weight:	140 g

Serial interface board



B4-USI

EG072834

The B4-USI is a universal communication unit and serves to connect SecuriFire 2000 to management systems and to actuate external printers, pagers, ComBox, telephone servers, etc. The link to management systems is line type. The selection of operation mode of the interface pair parameters is performed by programming.

Power supply:	internal via System-BUS
Current consumption:	21 mA
Operating temperature:	-5°C to +50°C
Weight:	120 g

Network interface board



B6-NET2-FXS

20-1100000-01-01

For redundant networking of SecuriFire 2000A control panels or for redundant connection of PC applications. The module consists of 3 network connectors (1x RS485 interface, 2x FXS) and one 100Base-TX interface. The module is connected to the B6-BCB13A main processor unit.

Power supply:	internal via System-BUS
Current consumption:	99 mA
Operating temperature:	-5°C to +50°C
Weight:	140 g

Network interface board



B6-NET2-FXM

20-1100001-01-01

For redundant networking of SecuriFire 2000 control panels or for redundant connection of PC applications. The module consists of 3 network connectors (1x RS485 interface, 2x FXM) and one 100Base-TX interface. The module is connected to the B6-BCB13 main processor unit.

Power supply:	internal via System-BUS
Current consumption:	122 mA
Operating temperature:	-5°C to +50°C
Weight:	140 g

Network interface board



B9-NET-FX4

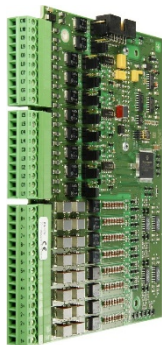
20-1100030-01-01

For redundant networking of SecuriFire 2000 control panels or for redundant connection of PC applications. The module consists of 4 network connectors (4x FX (SM/MM)) and one 100Base-TX interface. The module is connected to the B6-BCB13 main processor unit.

Power supply:	internal via System-BUS
Current consumption:	87 mA + 30 mA for each SFP
Operating temperature:	-5°C to +50°C
Weight:	140 g

Input/Output board

VdS CE



B6-EIO

20-1100003-01-02

The B6-EIO Unit includes 10 monitored inputs and 8 monitored outputs as well as the control electronics for the LED indication panel, which is built into the door of every SecuriFire ECP/FEP 2000. The unit was developed for standards-compliant actuation of an extinguishing area. However, in accordance with its features, it can also be used in other ways.

Power supply:	internal via System-BUS
Current consumption:	31 mA
Operating temperature:	0°C to +50°C
Weight:	160 g

Accessories		
Resistor set for B6-EIO	EIO-EXT-RES	20-1140001-01-01

9.4. SecuriFire 3000 Units and Boards

Every basic version of the SecuriFire 3000A fire alarm control panel, includes the central processor unit B5-MCB15A and the power supply unit B8-PSU.

All modules and components of the SecuriFire system are redundant for system availability reasons, which also guarantee in the event of a fault that indication information, signal processing and the controlling of all connected fire alarm devices is ensured.

All SecuriFire 3000 units are listed in the VdS G 209045 certificate.

Slot Allocation:

- | | | |
|--|------------------|-----------|
| 1. Main Control Board B5-MCB15A | in slot 1 | Mandatory |
| 2. Power Supply Unit B8-PSU | in slot 10 | Mandatory |
| 3. LAN, NET2-485 or NET4-485 | in slot 2 | |
| 4. Relay modules REL10/16/16E | in slot 11 to 13 | |
| 5. BAF or MRI16 | in slot 9 | |
| 6. Slot 9 needs to be equipped in order to enable slots 11 to 13 | | |
| 7. Slots 3 to 9 are for all other boards. | | |

Main control unit 3000A



B5-MCB15A

Repair replacement only

20-1050100-01-01

The B5-MCB15A main control board is included in the basic configuration of every SecuriFire SCP 3000A. In conjunction with the B8-BUS and the B8-PSU power supply unit, it forms the basis for the B5-Advanced SecuriFire SCP 3000A hardware platform. As the main computer board of every SecuriFire SCP, the B5-MCB15A stores all of the prepared data from the other boards.

Mains voltage / Frequency:

110/230 VAC + 10% - 15% 47 – 63 Hz

Power consumption:

max. 280 W

Output voltage:

26,3 V DC (min. at +50°C)

Weight:

210 g

Power supply unit 3000A



B8-PSU

Repair replacement only

20-1000008-01-04

The B8-PSU power supply unit is included in the basic configuration of every SecuriFire SCP 3000A. In conjunction with the B8-BUS and the B5-MCB15A main control board, it forms the basis for the Advanced SecuriFire SCP 3000A hardware platform.

Mains voltage / Frequency:

110/230 VAC + 10% - 15% 47 – 63 Hz

Output voltage:

5 x (21,0 to 27,9 V)

Output current:

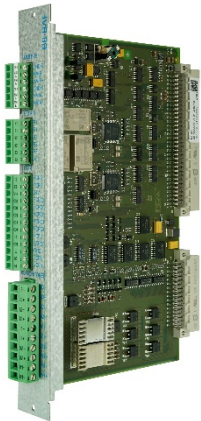
max. 7,1 A

Weight:

1150 g

SecuriFire Units and Boards

Control board



B8-BAF

20-1000011-01-04

For connecting fire brigade control panels, transmission equipment (main detectors), alarm systems (sirens) and for controlling the relay bus. The module also controls an interface for the MMI-BUS (bus for external devices) to which external operating panels, a fire brigade operating panel and other devices are connected.

Power supply:	internal via System-BUS
Current consumption:	typ. 60 mA
Output voltage:	22 to 28 V DC
Output current:	max. 1,5 A
Operating temperature:	-5°C to +50°C
Weight:	265 g

System configuration hint:

The jumpers for the MMI BUS termination are in closed position.
Compatible with SecuriFire Studio ≥2.2.0.

SecuiLine eXtended board



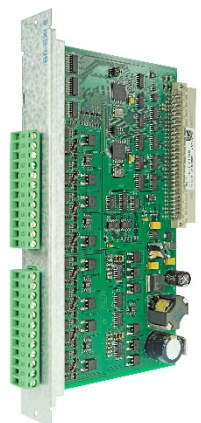
B8-DX12

20-1000012-01-01

For connecting two addressable loops with detectors and modules featuring SecuiLine eXtended addressable loop technology to the SecuriFire 3000A. Alternatively one addressable loop and two stub lines or four stub lines can also be connected.

Power supply:	internal via System-BUS
Current consumption:	35 mA
Output voltage:	30 ±3% V DC
Operating temperature:	-5°C to +50°C
Weight:	225 g

SecuiLine eXtended board



B8-SX18

20-1000010-01-03

For connecting eight addressable stub lines with detectors and modules, featuring SecuiLine eXtended addressable technology to the SecuriFire 3000A.

Power supply:	internal via System-BUS
Current consumption:	43 mA
Output voltage:	30.6 ±3% V DC
Operating temperature:	-5°C to +50°C
Weight:	266 g

Network interface board



B8-NET2-485

20-1000033-01-01

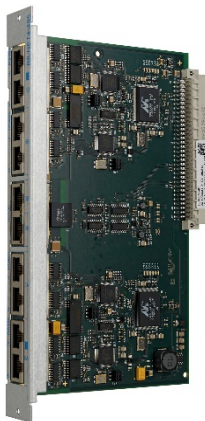
For redundant networking SecuriFire control panels or for redundant connection of PC applications. The module consists of two network connectors (RS485 interface) and two 100Base-TX interfaces. On the front side there are 6 RJ-45 sockets for connecting from the sub control unit network and to the Ethernet.

Power supply:	internal via System-BUS
Current consumption:	120 mA
Operating temperature:	-5°C to +50°C
Weight:	2250 g

System configuration hint:

Can only be operated in connection slot 2 of the module rack.

Network interface board



B8-NET4-485

20-1000034-01-01

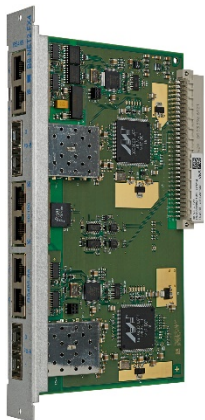
For redundant networking of SecuriFire control panels or for redundant connection of PC applications. The module consists of four network connectors (RS485 interface) and two 100Base-TX interfaces. On the front side there are 10 RJ45 sockets for connecting from the sub control unit network and to the Ethernet.

Power supply:	internal via System-BUS
Current consumption:	127 mA
Operating temperature:	0°C to +50°C
Weight:	225 g

System configuration hint:

Can only be operated in connection slot 2 of the module rack.

Network interface board



B8-NET2-FX4

20-1000030-01-01

For redundant networking of SecuriFire 3000 control panels or for redundant connection of PC applications. The module consists of 5 network connectors (4x RS 485 of which 2x galvanically isolated) and one 100Base-TX interface.

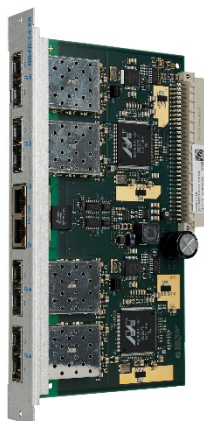
Power supply:	internal via System-BUS
Current consumption:	194 mA + 30 mA per SFP
Operating temperature:	0°C to +50°C
Weight:	225 g

System configuration hint:

Can only be operated in connection slot 2 of the module rack.

SecuriFire Units and Boards

Network interface board



B8-NET-FX8

20-1000031-01-01

For redundant networking of SecuriFire 3000 control panels or for redundant connection of PC applications. The module consists of 8 network connectors (8x SFP FX (S/M)) and one 100Base-TX interface.

Power supply:	internal via System-BUS
Current consumption:	226 mA + 30 mA per SFP
Operating temperature:	0°C to +50°C
Weight:	225 g

System configuration hint:

Can only be operated in connection slot 2 of the module rack.

BACnet interface board



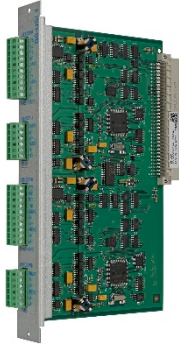
B5-BIM 15-1

269062

The B5-BIM 15-1 is a BACnet / IP interface for use in SecuriFire 3000 fire alarm control panels. It is a board that can be used in slots 2 to 9 of the unit rack. The B5-BIM 15-1 represents information about the state of the fire detection and fire alarm system as BACnet objects and makes the information available to, for example, a management system. BACnet is a worldwide standard protocol for building automation. Several physical interface outputs are available on the B5-BIM 15-1 such that connection is possible via SFP and 100Base-TX interface.

Power supply:	internal via System-BUS
Current consumption:	9 to 36 V
Power consumption:	250 mA
Additional per SFP-Module Singlemode	40 mA
Additional per SFP-Module Multimode	50 mA
Operating temperature:	0°C to +50°C
Weight:	225 g

Serial interface board



B8-USI4

20-1000032-01-01

For connecting SecuriFire sub control units to control systems, for controlling external printers, pagers, ComBox units, telephone servers etc. A total of 4 redundant, serial, asynchronous interfaces can be used as redundant RS485 connections in half-duplex mode (for loops) or as non-redundant RS 422 connections in full-duplex mode (for lines). Furthermore, two of the four interfaces can also be operated as RS 232 in full-duplex operation (line) each with 2 control circuits. The selection of each interface's operating mode is done by programming and hardware configuration.

Power supply:	internal via System-BUS
Current consumption:	20 mA
Operating temperature:	0°C to +50°C
Weight:	225 g

System configuration hint:

A maximum of five B8-USI4 units can be fitted per sub control unit.

Monitored output board



B8-OM8

20-1000020-01-01

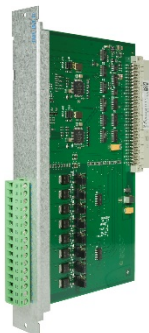
This indicating Circuit Controller is designed for efficient, addressable control of sounders, sirens, bells and strobes. The maximum output current of 1,3 A per output and 3A per block of four lines (1 to 4 and 5 to 8) assures meeting all requirements for signaling devices. The outputs are monitored for short circuits and wire breaks.

Power supply:	internal via System-BUS
Current consumption:	26 mA
Operating temperature:	0°C to +50°C
Weight:	216 g

System configuration hint:

The total output current of the module depends on the capacity of the power supply unit and overall system load connected to it.

Monitored input board



B8-IM8

20-1000021-01-01

The B8-IM8 is designed to provide an interface between conventional detectors and the SecuriFire panel. It enables the panel to use each of the eight channels individually to monitor the presence and operation of up to 32 conventional detectors per channel (max. 256 detectors) or up to 10 Ex rated detectors in intrinsically safe applications using Z787 safety barriers or to monitor proper operation of an activated device such as valves, doors etc...

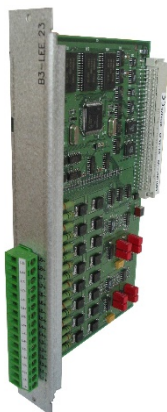
Allows for VdS compliant monitoring of extinguishing devices.

Designed and approved for Hekatron 130 Series and specific Hochiki Ex rated detectors. Please refer to the product data sheet for related information.

The inputs are supervised for open and short circuits. Each channel / input is individually programmable and configurable using configuration software and on-board jumpers.

Power supply:	internal via System-BUS
Current consumption:	9 mA
Operating temperature:	0°C to +50°C
Weight:	220 g

Alarm line board



B3-LEE23

Detectors series 140

EG072851

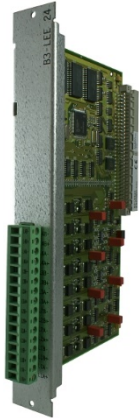
For connecting up to 8 stub lines each with a maximum of 30 series 140 detectors. A maximum of five B3-LEE23 modules can be fitted to connection slots 2 to 8 of a SecuriFire module rack, however this module is only permitted for use in cases where the system is being reconditioned due to the terms of the approvals of the module.

Power supply:	internal via System-BUS
Current consumption:	22 mA
Operating temperature:	0°C to +50°C
Weight:	210 g

System configuration hint:

A maximum of five B3-LEE23 modules can be operated in slots 2 to 8 of the SecuriFire module rack.

Alarm loop board



B3-LEE24

Detectors series 150

EG072852

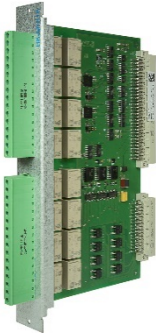
Refurbishing module for old installations based on HX 150 detectors. Provides 4 addressable loops supporting HX protocol and 127 HX 150 detectors each.

Power supply:	internal via System-BUS
Current consumption:	27 mA
Operating temperature:	0°C to +50°C
Weight:	210 g

System configuration hint:

A maximum of five B3-LEE24 modules can be operated in slots 2 to 8 of the SecuriFire module rack.

Relay board



B8-MRI16

20-1000022-01-01

The module offers 16 bi-stable, freely programmable 24 V/3 A relay contacts. Whether a contact is Normally Open (NO) or Normally Closed (NC) is software configurable. By programming a fail-safe position the status of every individual relay can be defined in the event of a supply voltage failure or the fire alarm control panel being switched off. The B5-MRI16 can be fitted in any of the slots 2-9 of the SecuriFire module rack.

Power supply:	internal via System-BUS
Current consumption:	4 mA typ. (battery current)
Operating temperature:	0°C to +50°C
Weight:	220 g

System configuration hint:

The B8-MRI16 is able to drive the expansion bus (slots 11 to 13) when placed in slot 9.
Doing so will allow you to run relay modules of type B3-REL10, B3-REL16 and B3-REL16E plugged in slot 11 to 13.

Relay board with 230V contacts



B3-REL10

20-1000003-01-02

The module contains 10 bi-stable, freely programmable 230 V/3 A relay contacts. Whether a contact is a make contact or a break contact is ascertained by configuration using software. By programming a fail-safe position the status of every individual relay can be defined in the event of a supply voltage failure or the fire alarm control panel being switched off. A module of type B8-BAF or B5-MR116 must be fitted to connection slot 9 of the SecuriFire module rack for controlling the relay.

Power supply:	internal via System-BUS
Current consumption:	max. 3 A
Operating temperature:	-5°C to +50°C
Weight:	285 g

System configuration hint:

Can only be operated in connection slot 11 to 13 of the module rack.

Relay board with 24V contacts



B3-REL16

20-1000004-01-02

The module contains 16 bi-stable, freely programmable 24 V/3 A relay contacts and is used for controlling sirens, holding magnets, relays etc. Whether the contact is a make or break contact is determined by software-based programming. By programming a fail-safe position the status of every individual relay can be defined in the event of a supply voltage failure or the fire alarm control panel being switched off. A module of type B8-BAF or B5-MR116 must be fitted to connection slot 9 of the SecuriFire module rack for controlling the relays.

Power supply:	internal via System-BUS
Current consumption:	max. 3 A
Operating temperature:	-5°C to +50°C
Weight:	315 g

System configuration hint:

Can only be operated in connection slot 11 to 13 of the module rack.

Relay board with fused 24V outputs

**B3-REL16E****20-1000005-01-01**

Identical to module B3-REL16 in terms of technical specifications and function, but with additional fused relay contacts (the fuses are not monitored) and resistors ($3.3\text{k}\Omega$ monitoring resistance and $680\ \Omega$ working resistance) for use as a VdS extinguishing interface. Using jumpers it is possible to choose between normal relay contacts and VdS interfaces.

Power supply:	internal via System-BUS
Current consumption:	max. 3 A
Operating temperature:	-5°C to $+50^{\circ}\text{C}$
Weight:	315 g

System configuration hint:






Can only be operated in connection slot 11 to 13 of the module rack.

9.5. SecuriFire Units and Boards Accessories

SecuriFire Accessories			
Connectors			
	Pluggable Terminal Block (set of 2) for REL10 front screw	ST-SET REL10	20-1040101-01-01
	Pluggable Terminal Block (set of 2) for REL16/16E, MRI, front screw	ST-SET REL16	20-1040100-01-01
	Connector SXI8	ST-SET SXI8	20-1040102-01-01
	Connector set for B8-BAF	ST-SET BAF	20-1040103-01-01
	Connector for B4/B6-EIO inputs, 2 pcs	ST-SET-EIO	FG74109
	Connector REL10	ST-SET REL10	20-1040101-01-01
	Connector REL16	ST-SET REL16	20-1040100-01-01
	Connector B4-LOOP/DAI	ST-LOOP/DAI	YK130295
	Connector B4-REL6	ST-REL6	YK130297
	Connector BAF/FBD	ST-BAF-FBD	YK130459
	Connector for 16pin interfaces (i.e. DAI2/DXI2)	ST-B3 16	YY970138
	Connector DCI6	ST-DCI6	FG74099
	Connector MTI8/IM8, angulate (2 pcs., screwable on the side)	ST-MTI8	FG74087
	Connector OM8	ST-OM8	FG74095
	Connector PSU5	ST-PSU5	FG74090
	Connector B8-PSU with front screw connection without labelling or coding	ST-PSU5 F	239660
	SFP-Module Multimode	SFP-MODUL MM	20-1400006-01-02
	SFP-Module Singlemode	SFP-MODUL SM	20-1400005-01-02
	SFP-Module Singlemode 30km	SFP-MODUL SM 30	20-1400007-01-01

SecuriFire Accessories

Various Spare Parts

	I/F converter	ADAM 4520	FG020212
	Plastic box for UIO Dimensions (HxWxD): 182 x 180 x 90 mm	UIO GEH	FG69041
	Steel plate for module UIO	UIO STP	FG05203
	Connection cable with connector 34 pin, 1m	UIO KAB34	FG81725
	Connection cable with connector 40 pin, 1m	UIO KAB40	FG81726

10. SecuriLine eXtended Modules

Single detector interface



SDI 82X-1

3 Inputs 1 Output

10-1200000-01-01

Addressable I/O module typically connected to Manual Call points (MCP), Pull Stations, Smoke Switches or Door monitors. For SecuriLine eXtended.

Provides 3 inputs and 1 output, freely programmable
With emergency alarm transmission.

Operating voltage:	12 to 30 V DC
Current consumption:	0,300 mA
Operating temperature:	-25°C to +70°C
Weight:	13 g
Dimensions (HxWxD):	22 x 32 x 14 mm

Approvals

VdS-Approval:	G 211046
Declaration of Performance (DoP):	CPR-10-14-105

Stub Control Unit



BX-SCU

20-2100022-01-01

For an addressable stub line installation within a SecuriLine eXtended. Up to 32 devices can be connected to the stub line. A maximum of 128 devices per SecuriLine eXtended with BX-SCU are possible.

Operating voltage:	13 to 30 V DC
Current consumption:	0,47 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	31 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 217030
Declaration of Performance (DoP):	CPR-20-17-020

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules

In-/Output Module

**BX-OI3****20-2100001-01-04**

Contains a relay output with a programmable fail-safe position, two inputs for monitored querying of potential-free contacts and an optocoupler input for monitoring external voltages. In addition, the voltage on the loop circuit is internally monitored for low voltage. The BX-OI3 is particularly well-suited for connecting special detectors (flame and line detectors, smoke aspirating systems etc.). Both the addressing of the module and the setting of parameters for connected special detectors (e.g. how they behave when there is an alarm or a fault) is carried out via the fire alarm control panel using PC software.

An IP66 protection class plastic case is used for fitting the module, which can be fitted with various different cable inlets as required. Shipped including 4,180 Ohm resistors for the monitored inputs.

Operating voltage:	12 to 30 V DC
Current consumption:	0,55 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	37 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 210133
Declaration of Performance (DoP):	CPR-20-13-005

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules



BX-REL4

20-2100004-01-03

Provides for four potential free relay outputs with a contact rating of 2A @ 230V. Each relay allows for COMMON, NORMALLY OPEN and NORMALLY CLOSED contacts. Each input is freely programmable using SecuriFire Studio. The module is also suitable for emitting switching impulses. The relay outputs can be switched to a fail-safe position in the event of voltage loss on the loop circuit, and the voltage on the loop circuit is also internally monitored for under voltage. It fits nicely in the IP66 rated enclosure listed below which allows for different cable inlets.

Operating voltage:	12 to 30 V DC
Current consumption:	0,51 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	64 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case 130 x 94 x 57 mm

Approvals

VdS-Approval:	G 210134
Declaration of Performance (DoP):	CPR-20-13-008

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules

Monitored Input / Output Module

**BX-IOM****20-2100002-01-09**

For controlling monitored devices, which are supplied with power by an external power supply (e.g. sirens etc.). The module contains a short circuit resistant monitored output (suitable for continuous operation of fur a configurable pulse emission with emission time limitation) and galvanically isolated input which can be used either as a voltage on the loop circuit is internally monitored for undervoltage. Both the addressing of the module an the setting of its parameters, which are set seperatly for every input, are carried out using PC software via the fire alarm control panel.

Operating voltage:	10 to 30 V DC
Current consumption:	0,46 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	30 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 210132
Declaration of Performance (DoP):	CPR-20-13-006

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules



BX-IM4

20-2100003-01-03

For indication and monitoring of various types of acknowledgements, e.g. door contacts, fire zones, extinguishing systems, sprinkler messages, etc. The module contains 4 inputs for monitored and non-monitoring querying of potential-free contacts, which are suitable for processing switching states of longer than 330ms. Both the addressing of the module and the setting of its parameters, which are set separately for every input, are carried out using PC software via the fire alarm control panel. An IP66 protection class plastic case is used for fitting the module, which can be fitted with various different cable inlets as required.

Operating voltage:	12 to 30 V DC
Current consumption:	0,45 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	33 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 210131
Declaration of Performance (DoP):	CPR-20-13-007

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules

In-/Output Module

**BX-O2I4****20-2100014-01-05**

The BX-O2I4 has two relay outputs and four monitored inputs for polling potential-free contacts.

The individual I/O functions can be configured differently and combined so that this module can be used, for example, for the integration of fire protection flaps with feedback.

Addressing and parameter assignment for the BX-O2I4 is performed with PC software via the fire alarm control panel.

The module includes a short-circuit isolator. In the event of wire breakage or a short-circuit, this functionality ensures that the fault is localised and at the same time maintains the full operability of the addressable loop.

Operating voltage:	12 to 30 V DC
Current consumption:	0,7 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	57 g
Dimensions (HxWxD):	100 x 67 x 20 mm with case 130 x 94 x 57 mm

Approvals

VdS-Approval:	G 211050
Declaration of Performance (DoP):	CPR-20-13-012

Assembly hint:

The box GEH MOD2 IP66 must be ordered separately
See accessories for loop modules



BX-O1

20-2100015-01-02

Provides one potential free relay outputs with a contact rating of 2A @ 230V. Each input is freely programmable using SecuriFire Studio.

The module is also suitable for emitting switching impulses. The relay output can be switched to a fail-safe position in the event of voltage loss on the loop circuit, and the voltage on the loop circuit is also internally monitored for under voltage. It fits nicely in the IP66 rated enclosure listed below which allows for different cable inlets.

Operating voltage:	12 to 30 V DC
Current consumption:	0,46 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	30 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case: 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 212024
Declaration of Performance (DoP):	CPR-20-13-013

Assembly hint:

The box GEH MOD3 IP66 must be ordered separately
See accessories for loop modules

Monitored Input Module

**BX-I2****20-2100016-01-02**

For indication and monitoring of various types of acknowledgements, e.g. door contacts, fire zones, extinguishing systems, sprinkler messages, etc. The module contains 2 inputs, one for monitored and non-monitoring querying of potential-free contacts, which is suitable for processing switching states of longer than 330ms and one optocoupler input for monitoring external voltages. Both the addressing of the module and the setting of its parameters, which are set separately for every input, are carried out using PC software via the fire alarm control panel. An IP66 protection class plastic case is used for fitting the module, which can be fitted with various different cable inlets as required.

Operating voltage:	12 to 30 V DC
Current consumption:	0,46 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	32 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case: 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 212023
Declaration of Performance (DoP):	CPR-20-13-013

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules



BX-AIM

20-2100005-01-04

Can be configured as a monitored input for querying potential-free contacts or as a collectively addressable detector zone (DC technology). The monitored input can, if required, be used as a standard extinguishing interface in accordance with VdS directives, and furthermore a balancing function of the fault thresholds for the quiescent current level is also possible (pursuant to EN 54-13 or VdS 2489). By interconnecting a Zener barrier and by using intrinsically safe detectors it is also possible to monitor hazardous areas. An IP66 protection class plastic case is used for fitting the module, which can be fitted with various different cable inlets as required. Supplied including an alarm resistor (560 Ohm) and a terminating resistor (19k1).

Operating voltage:	10 to 29 V DC (from the loop circuit)
Current consumption:	without DC branch: Type 0,46 mA with DC branch: Type. 1,8 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	30 g
Dimensions (HxWxD):	67 x 67 x 20 mm with case: 94 x 94 x 57 mm

Approvals

VdS-Approval:	G 208138
Declaration of Performance (DoP):	CPR-20-13-009

Assembly hint:

The box GEH MOD IP66 must be ordered separately
See accessories for loop modules

Accessories

Ex-i end of line resistor 19k1 for module AIM	EOL Ex 19k1	4301190
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Multiple Detector I/F

**BX-MDI8****20-2100017-01-03**

The BX-MDI8 has 8 monitored inputs for connecting detection zones or for polling potential-free contacts. The module requires a redundant, external power supply for operation. Addressing and parameter assignment for the BX-MDI8 is performed with PC software via the fire alarm control panel.

The module includes a short-circuit isolator. In the event of wire breakage or a short-circuit, this functionality ensures that the fault is localized and at the same time maintains the full operability of the addressable loop.

Operating voltage:	12 to 30 V DC
Current consumption:	0,45 mA
Protection class:	IP00 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	125 g
Dimensions (HxWxD):	80 x 151 x 20 mm with case: 94 x 180 x 57 mm

Approvals

VdS-Approval:	G 215099
Declaration of Performance (DoP):	CPR-20-13-015

Assembly hint:

The box GEH MOD3 IP66 must be ordered separately
See accessories for loop modules

Magnetic Door holder with Door magnet support AFS 55



BX-MDH

(delivered without Battery)

20-2100050-01-02

The BX-MDH is an electronically triggered magnetic door holder for connection to the SecuriLine eXtended. It has a permanent magnet which fixes the fire protection doors in the open state in normal operation without requiring electrical energy.

If there is a fire alarm or a fault, a brief current pulse neutralises the magnetic field and the fire protection doors close.

- Magnetic holding area Ø 48 mm
- Max. Holding strength 200 N

Operating voltage:	12 to 30 V DC
Current consumption:	0,550 mA
Protection class:	IP42
Operating temperature:	-20°C to +60°C
Weight:	600 g
Dimensions (HxWxD):	85 x 142 x 40 mm
Material:	Polycarbonate
Color:	light grey (RAL 7035)

Assembly hint:

Lithium 9V Battery must be purchased local

Accessories

Door magnet support BX-MDH	ASS 55	6500023
Adjustable door magnet support for BX-MDH	AFS 55	6500102

End Position Switch Module

**BX-ESL****20-2100007-01-03**

End position switch for deployment in sprinkler monitoring and for blocking systems. The module contains an optical light barrier which measures the movement of an activation plunger. The cables are fed into the unit using PG connection joints, with connection to the loop module being via 3 screw-type terminals. Both the addressing of the module and the setting of its parameters are carried out using PC software via the fire alarm control panel. The BX-ESL is fitted in a plastic case with IP65 protection class and is delivered incl. 2 connection joints.

Operating voltage:	12 to 30 V DC	
Current consumption:	LED on:	1,3 mA
	LED off:	0,4 mA
Protection class:	IP65	
Operating temperature:	-20°C to +60°C	
Weight:	95 g	
Dimensions (HxWxD):	58 x 58 x 34 mm	
Material:	PA-Taromid (Thermoplastic)	
Color:	case: coral red (RAL 3016)	
	cover: jet black (RAL 9005)	










Approvals

VdS-Approval:	G 210130
Declaration of Performance (DoP):	CPR-20-13-011











SecuriLine eXtended Modules

SecuriLine Modules Accessories

Mounting Housing

	Box for MDI8 Dimensions (HxWxD): 94 x 180 x 57 mm	GEH MOD3 IP66	20-4000550-01-01
	Box for REL4, O2I4 Dimensions (HxWxD): 94 x 130 x 57 mm	GEH MOD2 IP66	FG020235-A
	Box for Line Modules (except REL4, O2I4, MDI8) Dimensions (HxWxD): 94 x 94 x 57 mm	GEH MOD IP66	FG020234-A
	Box for MDI8 outdoor Dimensions (HxWxD): 94 x 180 x 57 mm	TK PC 1809-6-M	20-2101002-01-01
	Box for REL4, O2I4 outdoor Dimensions (HxWxD): 94 x 130 x 57 mm	TK PC 1309-6-M	20-2101001-01-01
	Box for Line Modules (except REL4, O2I4) outdoor Dimensions (HxWxD): 94 x 94 x 57 mm	TK PC 99-6-M	20-2101000-01-01
	Mounting plate for Line Modules (except REL4, O2I4) Dimensions (HxW): 94 x 94 mm	MP MOD KL	30-6800021-01-01
	Mounting plate for REL4, O2I4 Dimensions (HxW): 94 x 130 mm	MP MOD GR	30-6800021-02-01
	Mounting plate for MDI8 Dimensions (HxW): 94 x 180 mm	MP MOD GR2	30-6800021-03-01

Various spare parts

	Stepped nipple M20 delivery unit: 100 pcs	MM SN M20	MM000181-A
	Twist joint M16	MM ANB M16	MM000185
	Lock nut M16	MM GM M16	MM000186
	Twist joint M12	MM ANB M12	MM000191
	Lock nut M12	MM GM M12	MM000195
	Twist joint M20	MM ANB M20	MM000192
	Lock nut M20	MM GM M20	MM000196
	Taper M20 - M12	MM RR M20 - M12	MM000193
	Taper M25 - M12	MM RR M25 - M12	MM000194
	Lock nut M25	MM GM M25	MM000197

11. SecuriStar Detectors

11.1. SecuriStar SecuriLine eXtended

Multiple sensor detector, smoke,
heat and carbon monoxide



CCD 573X

30-5000006-02-02

CCD 573X MC

multicolor,
available in different RAL colors

30-5000006-92-02

The temperature- and CO-supported smoke sensor provides early detection of smouldering, glowing and open fires with smoke development.

- Combined smoke, heat and carbon monoxide (CO) detector according EN 54-5/7/26/29/30
- Optimal sensitivity
- False-alarm security through temperature and carbon monoxide-supported smoke alarm evaluation
- (2 different Cubus Adaptations)
- Technical CO alarm according EN 50291-1
- Adjustable technical CO pre-signal

Operating voltage:	7 to 31 V DC
Current consumption:	0,15 mA
Protection class:	IP44
Operating temperature:	-25°C to +50°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 212183
Declaration of Performance (DoP):	CPR-10-13-300

Assembly hint:

The RAL Classic color system is available as an assortment for all MC colored product variants.
→ Please refer to chapter RAL Colors.

Multiple sensor detector, smoke and heat

SBSC

VdS

CE



MCD 573X

30-5000003-02-05

MCD 573X CP

coated print,
for temporarily humid areas

30-5000003-52-05

MCD 573X MC

multicolor,
available in different RAL colors

30-5000003-92-05

Combined smoke and heat detector with programmable detection behavior smoke / heat or combined.

- Dust cap included.
- self monitoring of all detector parts
- automatic smoke alarm sensitivity through CUBUS-leveling
- constant sensitivity through dust compensation
- built-in short circuit isolator
- patented "Signature Alarm" for smoke and heat
- heat detection classes A1, A2, B and indices R&S for all classes
- 100% backwards compatible to the STD531 and MCD 573

Messages

- separate alarm signalisation for smoke and heat
- 2 pre-warning levels for smoke
- warning signal for high ambient temperature
- contamination level 1 and 2

Settings via SecuriFire

- smoke and/or heat part can be temporarily disabled.
- smoke sensitivity
- programmable control output
- heat class and index

Operating voltage:	7 to 31 V DC
Current consumption:	0,12 mA
Protection class:	IP44
Operating temperature:	-25°C to +50°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 210152
Declaration of Performance (DoP):	CPR-10-13-302

Assembly hint:

The RAL Classic color system is available as an assortment for all MC colored product variants.
➔ Please refer to chapter RAL Colors.

**Multiple sensor detector, smoke and heat,
with integrated sounder**



MCD 573X-S

30-5000007-02-01

MCD 573X-S MC

multicolor,
available in different RAL colors

30-5000007-92-01

Multiple sensor detector acoustic

For early detection of smoldering and open fires with and without smoke development. Single addressable

- Multiple standard use on two parallel channels (smoke/heat) according to EN 54-5, -7 and EN 54-29
- Cubus levelling for automatique adaptation to the environment conditions
- Signature alarm for smoke and heat
- Smoke pre-signal
- Alarm threshold tracing
- Selection of heat classes according to EN 54-5; Class A1, A2, B inclusive index R and S for all 3 heat classes
- Acoustic according EN 54-3, Tonality adjustable in three variable volumes
- Sounder volume 92/81/69 dB(A)

Operating voltage:	12 to 31 V DC
Current consumption:	1,5 mA
Protection class:	IP22
Operating temperature:	-25°C to +60°C
Weight:	135 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 213053
Declaration of Performance (DoP):	CPR-10-13-307

Assembly hint:

The RAL Classic color system is available as an assortment for all MC colored product variants.

➔ Please refer to chapter RAL Colors.

Multiple sensor detector, smoke and heat, with integrated sounder for voice



MCD 573X-SP

30-5000010-02-02

MCD 573X-SP MC

multicolor,
available in different RAL colors

30-5000010-92-02

MCD 573X-SP EE

30-5000010-04-02

MCD 573X-SP AE

30-5000010-06-02

Multiple sensor detector speech

For early detection of smoldering and open fires with and without smoke development. Single addressable

- Multiple standard use on two parallel channels (smoke/heat) according to EN 54-5, -7 and EN 54-29
- Cubus levelling for automatique adaptations to the environment conditions
- Signature alarm for smoke and heat
- Smoke pre-signal
- Alarm threshold tracing
- Selection of heat classes according to EN 54-5; Class A1, A2, B inclusive index R and S for all 3 heat classes
- Acoustic according EN 54-3, Tonality adjustable in three variable volumes
- Sounder volume 92/81/69 dB(A)

Language output:

MCD 573X-SP	MCD 573X-SP EE	MCD 573X-SP AE
English	English	English
German	Czech	Portuguese
French	Hungarian	Danish
Italian	Russian	Finnish
Dutch	Croatian	Spanish
Swedish	Turkish	Arabian
	Romanian	Malaysian
	Serbian	Norwegian
	Slovakian	Thai

Operating voltage:	12 to 31 V DC
Current consumption:	1,5 mA
Protection class:	IP22
Operating temperature:	-25°C to +60°C
Weight:	135 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 213053
Declaration of Performance (DoP):	CPR-10-13-307

Assembly hint:

The RAL Classic color system is available as an assortment for all MC colored product variants.

→ Please refer to chapter RAL Colors.

11.2. Conventional Detectors SecuriStar

Smoke detector



SCD 563

237230

Smoke Criteria Detector

- conventional
- automatic smoke alarm sensitivity through CUBUS-levelling
- self-monitoring of all detector parts
- false alarm resistant alarm evaluation
- constant sensitivity through dust compensation

Operating voltage:	18 to 30 V DC
Current consumption:	0,12 mA
Protection class:	IP44
Operating temperature:	-25°C to +60°C
Weight:	135 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 208198
Declaration of Performance (DoP):	CPR-10-13-303

Note:

Run out phase.
If possible please use replacement product MCD 573X

Temperature detector



TCD 563-1

Heat Class A1

237248

TCD 563-3

Heat Class B

237264

Temperature Criteria Detector, preset to level and/or rate-of-rise according to Class A1, A2 or B.

- conventional
- highly resistant to false alarm
- fixed threshold and / or rate-of-rise capabilities
- 100% backwards compatible to the UTD521 and UTD523

Operating voltage:	16,5 to 30 V DC
Current consumption:	0,12 mA
Protection class:	IP44
Operating temperature:	-25°C to +70°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 208199
Declaration of Performance (DoP):	CPR-10-13-305

Note:

Run out phase.
If possible please use replacement product MCD 573X

11.3. Accessories for SecuriStar Detectors

Protection basket



SRS 01



SRS 02

SRS 01 for SecuriStar and ORM130 **5000586**

SRS 02 for IP54 base or BX-SBL **5000634**

Protective cage. To protect the detector from damage.

Dimensions with base (ØxH):	SRS 01: 148 x 90 mm
	SRS 02: 148 x 122 mm

Material:	Steel, nickel-plated
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Detector mounting console



MMK200/350 w/o socket and detector **FG020520**

For horizontal installation of detectors on steep roofs or ceilings. Vertically adjustable in a range of 0 to 90° and expandable from 200 to 350 mm.

It is ideally suited for the detector base USB 50x-xx, which is mounted by means of two size M4 screws.

Material:	Sheet steel, powder-coated
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Color:	Light gray (RAL 7035)
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Detector numbering plate



DNP 502 VE10



DNP 521/531

DNP 502 VE10 delivery unit: 10 pieces **31-3100001-01-02**

DNP 521/531 delivery unit: 100 pieces **3110320**

Detector numbering plate for SecuriStar detectors.
Max. size for label 45 x 75 mm or P-Touch label

Material:	ABS / PC
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Color:	signal white (RAL 9003)
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SecuriStar Detectors

Fitting set USB

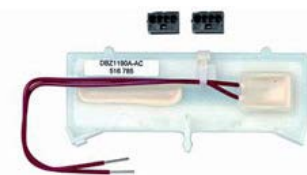


MONT SET GK

MM000250

Kit for suspended mounting of the detector base USB 50x-xx by means of spacer bolts. Provides for a better adoption to the environment temperature and reduces the probability of condensation.

Detector heating for MCD 573X CP







DBZ 1190A-AC

FG020480

Detector heating for USB 50x-xx. Needs cable binders and reserve terminal block (USB Term) for wiring.
For detector MCD 573X CP only.

SecuriStar Accessories

Various spare parts

	Optional reserve terminal block for cross-connections USB 50x-xx	USB Term	31-3100002-01-01
	Terminal Block for Detector Base, w/o loop cont. switch delivery unit: 10 pieces	STE 01-BK PU10	30-4100002-01-01
	Rubber cap for base USB 50x-1 or -6	GKAPPE 501	FG020189
	Detector dust cover for MCD, SCD or TCD SecuriStar detectors series 523/533, 563/573. delivery unit: 1000 pieces	DDC 533	3200564-02

12. Base for SecuriStar Detectors

Detector Bases



USB 502-6



USB 502-1



USB 502-2



USB 502-3



USB 502-4


 USB 502-5
(USB 502-1 with pipe clamp)

USB 502-6	surf. mounting, w/o loop contact	30-4100005-06-01
USB 502-1	surface mounting	30-4100005-01-01
USB-502-2	flush mounting	30-4100005-02-01
USB 502-3	surf. mount., for humid areas	30-4100005-03-01
USB 502-4	flush mount. in concrete	30-4100005-04-01
USB 502-5	socket for mounting on pipes,	30-4100005-05-01
USB 502-6 MC	available in different RAL colors	30-4100005-96-01
USB 502-1 MC	available in different RAL colors	30-4100005-91-01

Base for addressable and conventional SecuriStar detectors with integrated 6 wire terminal and detector fixing by means of bayonet coupling.

Protection class:	
USB 502-1, -2, -4, -5 and -6	IP44
USB 502-3	IP54

Operating temperature:	-25°C to +70°C
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Weight:	
USB 502-1 or -6	90 g
USB 502-2	210 g
USB 502-3	189 g
USB 502-4	179 g
USB 502-5	229 g

Dimensions with base (ØxH):	
USB 502-1 or -6	118,5 x 25 mm
USB 502-2	158 x 50 mm
USB 502-3	123,5 x 50 mm
USB 502-4	158 x 92 mm
USB 502-5	118,5 x 70 mm

Material:	ABS/PC; TPE
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Color:	signal white (RAL 9003)
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Accessories

Cover Ring "extra large"	Ring 177	3110470
Cover Ring "large" multicolor	Ring 158 MC	3110464

Assembly hint:

The RAL Classic color system is available as an assortment for all MC colored product variants.

➔ Please refer to chapter RAL Colors.

Base for SecuriStar Detectors

Detector Base, surface mounting (w/o loop cont. switch) with illuminated ring



USB 502-20

surface mounting

20-2100019-01-01

Universal base with illuminated ring
For addressable SecuriStar detectors with uniform 6-pin terminal block. Surface mounting, without loop contact. The detector is locked into place with a bayonet catch.

Illuminated ring:

- Fixed flash rate
- Low power consumption
- Can be actuated individually

Protection class:	IP44
Operating temperature:	-25°C to +70°C
Weight:	90 g
Dimensions (ØxH):	118,5 x 25 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Detector Base, surface mounting Ex-i IP54



USB 502-7 Ex-i

surface mounting

30-4100005-07-01

Along with the MMD 130 Ex-i optical- and Along with the MMD 130 Ex-i optical- and heat detectors, it is suitable for use in Ex zones 1 and 2. It has no loop contact.

Protection class:	IP54
Operating temperature:	-25°C to +70°C
Weight:	189 g
Dimensions (ØxH):	123,5 x 50 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Ex-mounting socket for surface mounting of MMD 130 Ex-i



USB 502-8 Ex-i

30-4100005-08-01

Along with the MMD 130 Ex-i optical- and heat detectors, it is suitable for use in Ex zones 1 and 2. It has no loop contact.

Protection class:	IP44
Operating temperature:	-25°C to +70°C
Weight:	95 g
Dimensions (ØxH):	118,5 x 25 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

13. Ventilation Duct Detectors SecuriLine eXtended

Air duct detector base set, without detector



LKM-SET

30-5500005-01-01

Housing with transparent cover. For mounting ventilation duct detectors: LKM 593X, LKM 140, LKM 150, and LKM583 on round or rectangular ventilation ducts. Including inlet and outlet pipe.

Protection class:	IP54
Operating temperature:	-25°C to +60°C
Weight:	485 g
Dimensions without pipes:	95,5 x 247,2 x 135 mm
Ventilation duct diameter (Ø):	20 to 100 cm
Ventilation duct side length (□):	15 to 100 cm
Air flow speed:	1 to 20 m/s
Material:	PC/anodised aluminium tube

Duct Smoke detector SecuriLine eXtended



LKM 593X

30-5500001-01-01

For early detection of smouldering and open fires with smoke development. For mounting in the LKM-Set, for ventilation ducts. Individually addressable and backwards compatible to SSD 531K.

- Signature alarm for smoke
- Smoke pre-signal
- Alarm threshold tracking

Operating voltage:	7 to 31 V DC
Current consumption:	0,15 mA
Operating temperature:	-25°C to +60°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 214124
Declaration of Performance (DoP):	CPR-30-13-025

Ventilation Duct Detectors SecuriLine eXtended

Duct Smoke detector for stub lines



LKM 583

30-5500002-01-01

For early detection of smouldering and open fires with smoke development. For mounting in the LKM-Set, for ventilation ducts.

Operating voltage:	18 to 30 V DC
Current consumption:	0,12 mA
Operating temperature:	-25°C to +60°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 214125
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Note:

Run out phase.

14. Ex/ATEX approves Detectors

Multicriteria Detector, Ex-proof, ATEX100a



MMD 130 Ex-i

30-5000005-01-01

An intrinsically safe smoke detector for use in hazardous areas of zone 1 and zone 2 and certified to classification II 2 G Ex ib IIC T4. The MMD 130 Ex-i works in accordance with the scattered light principle and detects smouldering, glowing and open fires with smoke development at an early stage.

Operating voltage:	10 to 28 V DC
Current consumption:	0,15 mA
Protection class:	IP54
Operating temperature:	-25°C to +70°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)
Standard for explosion-hazard areas:	II 2 G Ex ib IIC T4

Approvals

VdS-Approval:	G 211094
Ex Approval:	EPS 11 ATEX 1 346 X

Note:

Run out phase.

Ex/ATEX approves Detectors

Safety barrier



Z787



Z787F

Z787

Z787F

with replaceable fuse

FG020121

FG020430

The safety barriers for intrinsically safe detector zones prevent too high an energy level from entering a hazardous area, which could cause ignition sparks if discharged there. The barrier is connected in series into the wiring of the detector zone. The device is ATEX 100a approved.

- Max. short circuit current 93 mA
- Max. cabling length 700 m

Operating voltage:	25,5 V DC
Current consumption:	35 mA
Protection class:	IP20
Operating temperature:	-20°C to +60°C
Weight:	150 g
Dimensions (HxWxD):	110 x 115 x 12,5 mm
Material:	Makrolon
Standard for explosion-hazard areas:	II 1 G/D EEx ia IIC



Approvals

Ex Approval: TÜV 99 ATEX 1484 X

Accessories		
G-fuse 50 mA F 5x20	G SICH Z787F	FG020431
Housing with cap rail, non-transparent cover	GEH HS GS	30-6800070-02-01
Housing with cap rail, transparent cover	GEH HS TP	30-6800070-01-01

Ex/Atex Accessories

Various spare parts

	Ex-i end of line resistor 2k7 for modules MT18 / IM8 or B4 EIO	EOL Ex 2k7	4301189
	Ex-i end of line resistor 19k1 for module AIM	EOL Ex 19k1	4301190

15. Radio system SecuriAir

Radio Gateway



BX-WGW

(delivered without Battery)

20-2100021-01-02

The radio gateway BX-WGW is suitable for connection to the SecuriLine eXtended and serves as an interface for the communication between the SecuriFire fire alarm control panel, the radio fire detector and the radio manual call points. Up to 30 radio detectors can be connected to a gateway.

Operating voltage:	16,5 to 30 V DC
Current consumption:	0,75 mA
Protection class:	IP40 with case
Operating temperature:	-20°C to +60°C
Weight:	157 g
Dimensions (HxWxD):	without case: 110 x 80 x 14 mm with case: 167 x 89 x 28 mm
Material:	ABS
Color:	pure white (RAL 9010)

Approvals

VdS-Approval:	G 217001
Declaration of Performance (DoP):	CPR-20-17-021

Assembly hint:

The battery pack BAT3.6-10 must be ordered separately
 → See SecuriAir accessories

Radio fire detector



FDOOT271-O

(delivered without Battery)

20-3001000-01-01

The radio fire detector FDOOT271-O is a multiple sensor detector and is used to extend fire alarm systems. Up to 30 radio fire detectors FDOOT271-O can be connected to the gateway BX-WGW.

- Transmission power (360°): 10mW ERP

Operating voltage:	BAT 3.6-10 (3,6 V / 10 Ah)
Protection class:	IP44
Operating temperature:	-10°C to +55°C
Weight:	130 g
Dimensions (ØxH):	117 x 64 mm
Material:	ABS
Color:	pure white (RAL 9010)

Approvals

VdS-Approval:	G 216094
Declaration of Performance (DoP):	0786-CPR-21527

Assembly hint:

The battery pack BAT3.6-10 must be ordered separately
 → See SecuriAir accessories

Radio manual call point



FDM275-O

(delivered without Battery)

20-3001100-01-01

The radio manual call point FDM275-O Type A / direct tripping, for manual fire alarm release. Up to 30 radio fire detectors FDM275-O can be connected to the gateway BX-WGW.

Operating voltage:	BAT 3.6-10 (3,6 V / 10 Ah)
Protection class:	IP44
Operating temperature:	-10°C to +55°C
Weight:	279 g
Dimensions (HxWxD):	87 x 87 x 63 mm
Material:	Polycarbonate
Color:	flame red (RAL 3000)

Approvals










VdS-Approval:	G 216096
Declaration of Performance (DoP):	0786-CPR-21529

Assembly hint:

The battery pack BAT3.6-10 must be ordered separately
 → See SecuriAir accessories

Accessories and Spare Parts for SecuriAir

Various spare parts

	Base for FDOOT271-O	FDB271	20-3001003-01-01
	Pin for FDOOT271-O	FDBZ293	20-3001001-01-01
	Description plate for radio detector	FDBZ291	20-3001004-01-01
	Radio detector cover FDM275-O	FDMC295	20-3001101-01-01
	Key for radio detector FDM275-O	FDMK295	20-3001102-01-01
	Replacement glass for radio detector FDM275-O	FDMG295	20-3001103-01-01
	Triggering element for FDM275-O	FDMP295	20-3001104-01-01
	Battery pack (1 pcs. per device needed)	BAT3.6-10	20-3001002-01-01
	USB Radio Adapter	FDUZ227	20-3001150-01-01

16. Manual Call Points

16.1. Addressable Manual call points SecuriLine eXtended

Manual Call Point, Type A

SBS

VdS

CE



MCP 545X-1 N	surface mounting	265200
MCP 545X-2 N	flush mounting	265202
MCP 545X-4 N	IP67	265204
MCP 545X-1S N	surface mounting, with Swedish labeling	265208
MCP 545X-1E N	surface mounting, without flap, non breakable activation	265211

The manual call point MCP 545X N is a non automatic detector for fire alarm systems for direct connection to the SecuriLine / eXtended. An alarm is triggered directly when the glass panel is broken. The alarm persists until the glass panel is replaced with a new one.

Alarm triggering is indicated by means of a red LED.

For test purposes, an alarm can be triggered by means of a test key without breaking the glass panel.

To increase the security with respect to false alarms, the MCP 545X N can additionally be provided with a sealable hinged cover.

Operating voltage:	7 to 31 V DC
Current consumption:	0,12 mA
Protection class:	
MCP 545X-1 N, MCP 545X-2 N, MCP 545X-1S N and MCP 545X-1E N	IP24
MCP 545X-4 N	IP67
Operating temperature:	--10°C to +55°C
Weight:	
MCP 545X-1 N and MCP 545X-1S N	160 g
MCP 545X-1E N	135 g
MCP 545X-2 N	110 g
MCP 545X-4 N	240 g
Dimensions (HxWxD):	
MCP 545X-1 N, MCP 545X-1E N and MCP 545X-1S N	93 x 89 x 61,5 mm
MCP 545X-2 N	93 x 89 x 33,5 mm
MCP 545X-4 N	93 x 97,5 x 73 mm
Material:	Plastic, glass fibre-reinforced
Color:	signal red (RAL 3001)

Approvals

VdS-Approval:	G 210094
Declaration of Performance (DoP):	CPR-10-17-103

Manual Call Point, Type B



MCP 535X-1	red	30-5700007-01-03
MCP 535X-3	blue	30-5700007-03-03
MCP 535X-5	yellow	30-5700007-05-03
MCP 535X-7	Stop button, blue	30-5700007-07-03
MCP 535X-15	green	30-5700007-15-03

Double action break glass, according to VdS and EN54-11.
Delivered without inscription label and key, to be ordered separately.

- for dry rooms
- surface or flush mounting
- key protected
- integrated status LED
- blue and yellow versions available

Operating voltage:	7 to 31 V DC
Current consumption:	0,09 mA
Protection class:	
MCP 535X-1, MCP 535X-3, MCP 535X-5 and MCP 535X-15	IP52
MCP 535X-7	IP54
Operating temperature:	-20°C to +50°C
Weight:	450 g
Dimensions (HxWxD):	134 x 134 x 36 mm
Material:	plastic, ASA
Color:	
MCP 535X-1	signal red (RAL 3001)
MCP 535X-3 and MCP 535X-7	signal blue (RAL 5005)
MCP 535X-5	signal yellow (RAL 1003)
MCP 535X-15	leaf green (RAL 6002)

Approvals

VdS-Approval:	
MCP 535X-1	G 210095
MCP 535X-5	G 210096
MCP 535X-3, MCP 535X-7	G 210097
Declaration of Performance (DoP):	
MCP 535X-1	CPR-30-13-007
MCP 535X-5	CPR-30-13-008
MCP 535X-7	CPR-30-13-022
MCP 535X-15	CPR-30-13-024

16.2. Conventional Manual Call Points

Manual Call Point, Type A



MCP 521-1 N	surface mounting	238023
MCP 521-2 N	flush mounting	238031
MCP 521-4 N	IP67	238040
ECP 521-1E N	surface mounting, yellow	238058
MCP 521 N Ex-i	Ex-i	238074
MCP 521-4 N Ex-i	Ex-i IP67	265481

The manual call point MCP 521 N is a non-automatic detector for fire alarm systems with current amplification line evaluation. An alarm is triggered directly by breaking the glass panel.

Operating voltage:	30 V DC
Current consumption:	0,12 mA
Protection class:	
MCP 521-1 N, MCP 521-2 N, ECP 521-1E N and MCP 521 N Ex-i	IP24
MCP 521-4 N and MCP 521-4 N Ex-i	IP67
Operating temperature:	-10°C to +55°C
Weight:	
MCP 521-1 N, ECP 521-1E N and MCP 521 N Ex-i	160 g
MCP 521-2 N	110 g
MCP 521-4 N and MCP 521-4 N Ex-i	240 g
Dimensions (HxWxD):	
MCP 521-1 N, ECP 521-1E N and MCP 521 N Ex-i	93 x 89 x 61,5 mm
MCP 521-2 N	93 x 89 x 33,5 mm
MCP 521-4 N and MCP 521-4 N Ex-i	93 x 97,5 x 71 mm
Material:	plastic, glass fibre-reinforced
Color:	
All MCP	signal red (RAL 3001)
ECP 521-1E N	signal yellow (RAL 1003)
Standard for explosion-hazard areas:	II 1 G Ex ia IIC T4

Approvals

VdS-Approval:	
MCP 521-1 N, MCP 521-2 N, MCP 521-4 N	G 206061
Declaration of Performance (DoP):	
MCP 521-1 N, MCP 521-2 N, MCP 521-4 N	CPR-10-13-104
Ex Approval:	Sira 04ATEX2350X, 06ATEX2131X

Manual Call Point, Type B



MCP 525-7	red	6200149-0007
MCP 525-9	blue	6200149-0009
MCP 525-11	yellow	6200149-0011
MCP 525-14	Stop button, blue	6200149-0014
MCP 525-15	Flooding, green	30-5700014-01-01

Double action break glass, according to VdS. Delivered without inscription label and key, to be ordered separately.

- for dry rooms
- surface or flush mounting
- key protected
- integrated status LED

Operating voltage:	19,6 to 30 V DC
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Current consumption:	depending from the used fire / extinguishing panel
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Protection class:	
MCP 525-7, MCP 525-9, MCP 525-11 and MCP 525-15	IP52
MCP 525-14	IP54

Operating temperature:	-10°C to +55°C
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Weight:	450 g
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Dimensions (HxWxD):	135 x 135 x 37 mm
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Material:	plastic, ASA
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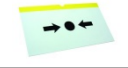










Color:	
MCP 525-7	signal red (RAL 3001)
MCP 525-9 and MCP 525-14	signal blue (RAL 5005)
MCP 525-11	signal yellow (RAL 1003)
MCP 525-15	leaf green (RAL 6002)

Approvals

VdS-Approval:	
MCP 525-7	G 207007
MCP 525-11	G 208106
MCP 525-14 / MCP 525-15	G 208107

Declaration of Performance (DoP):	
MCP 525-7	CPR-30-13-026
MCP 525-11	CPR-30-13-027
MCP 525-14 / MCP 525-15	CPR-30-13-028

16.1. Accessories for Manual Call Points

Accessories and Spare Parts for MCP			
Replacement glass and release plates			
	Spare glass for manual call point, (MCP/ECP/FTN/FTX) MCP 545, MCP521, ECP521	CPG 845	225797
	Spare glass for MCP VdS types MCP 525-7, -14, MCP 535-7, -14, MCP 140 / 150 delivery unit: 10 pcs	GLASS MCP VE10	30-6800091-01-01
	Resettable release plate for MCP 521N and 545X delivery unit: 10 pcs	PS230 VE10	214350
Various spare parts			
	Sealing red for MCP 525 and 535 to be IP54	SEALING MCP IP54	30-4100001-01-01
	Key for MCP 520-1, 530-1 and 535 X delivery unit: 5 pcs.	KEY MCP 5xx VE5	30-6800093-01-01
	Label "Securiton" for MCP 525/535 delivery unit: 100 pcs	EB MCP	3740835-0101
	Seal for MCP series 521N and 545N	CPS 845N	238198
	Flap transparent, for MCP series 521N and 545N	THC 845N	238104
	Base for MCP, surface mounting, red for MCP 521 / 545	Z FT 513 AP	173061
	Base (plate) for MCP, flush mounting, red for MCP 521 / 545	Z FT 513 UP	193801
	Alarm resistor 680Ω for MCP 521N Ex-i and MCP 521-4 N Ex-i	WID 680	26514
	Terminal block for MCP 545 and MCP 521 series	ST MCP	265412
	Test key, for opening and testing MCP 545 and MCP 521 series	TK MCP	265413

17. Alarm Indication Modules

17.1. Acoustical Alarm Medium

Loop Siren

SBSC

VdS

CE



BX-SOL-R red

20-2100008-01-10

BX-SOL-W white

20-2100008-02-10

Loop powered and controlled sounder for SecuriLine eXtended.

- 3 signal tones
(DIN 33404, Slow Whoop and 990Hz pulsed)
- Signal tone controlled from the FACP depending on the event
- Configurable volume high/low
- 89 / 99 dB(A) (low/high volume)

Operating voltage:	12 to 30 V DC
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Current consumption:	2,9 mA Low 5,3 mA High
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Protection class:	IP21
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Operating temperature:	-10°C to +55°C
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Weight:	230 g
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Dimensions with base (ØxH):	108 x 96 mm
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Material:	ABS
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Color:

BX-SOL-R	signal red (RAL 3001)
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BX-SOL-W	signal white (RAL 9003)
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Approvals

VdS-Approval:	G 210086
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Declaration of Performance (DoP):	CPR-20-13-100
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Alarm Indication Modules

Siren

SBSC

VdS

CE



BSE 128
(surface mounting)



BSE 128
(flush mounting)

BSE 128 red	surface mounting	6300138-0204
BSE 128 white	surface mounting	6300138-0203
BSE 128 red IP65	surface mounting	6300138-0202
BSE 128 white IP65	surface mounting	6300138-0201
BSE 128 UP	flush mounting, only available in white	6300177

Acoustical alarm device for fire alarm systems. Robust, reliable construction, high protection class, low power consumption.

- 28 signal tones
- 2nd tone can be activated via separate input
- IP54 , flat profile socket
- red and white type available
- Volume (DIN tone): up to 115 dB(A) (98 dB) @ 1 m
- EN 54-3

Operating voltage:	10 to 24 V DC
Current consumption:	20,5 mA
Protection class:	IP54 IP65
Operating temperature:	-40°C to +80°C
Weight:	300 g
Dimensions (ØxH):	
Standard:	101 x 81 mm
IP65 version:	101 x 100 mm
Material:	ABS
Color:	pure white (RAL 9010) signal red (RAL 3001)

Approvals

VdS-Approval:	G 200117
Declaration of Performance (DoP):	0786-CPD-21025

Sounder Base USB 50x on the Loop



BX-SBL 501



BX-SBL 501

BX-SBL 501-W

white

20-2100011-02-10**BX-SBL 501-WDB**

white, deep base

20-2100011-01-10

Acoustic alarm unit, to be mounted between the detector socket USB 50x and the ceiling or on the wall, for use in a SecuriFire fire alarm system. Connects directly to SecuriLine eXtended via 2 wire without any further power supply line. The deep base version (DB) is for a side wise cable installation.

- 3 signal tones (DIN 33404, Slow Whoop and 880Hz pulsed)
- Signal tone controlled from the FACP depending on the event
- Configurable volume high/low
- Volume 80 / 90 dB(A) (low/high volume)

Operating voltage:	15 to 30 V DC
Current consumption:	1,5 mA Low 4,0 mA High
Protection class:	IP31D
Operating temperature:	-20°C to +55°C
Weight:	
BX-SBL 501-W	170 g
BX-SBL 501-WDB	175 g
Dimensions (ØxH):	
BX-SBL 501-W	117 x 41 mm
BX-SBL 501-WDB	117 x 45 mm
Material:	PC/ABS
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 211029
Declaration of Performance (DoP):	CPR-20-13-101

Alarm Indication Modules

Loop ceiling siren



BX-SBL 502-W	white	20-2100012-04-10
BX-SBL 502-WDB	white , deep base	20-2100012-02-10
BX-SBL 502-RDB	red, deep base	20-2100012-01-10

Acoustic alarm unit, to be mounted directly on the ceiling or on the wall. Connects directly to SecuriLine eXtended via 2 wire without any further power supply line. The deep base version (DB) is for a side wise cable installation.

- 3 signal tones
(DIN 33404, Slow Whoop and 880Hz pulsed)
- Signal tone controlled from the FACP depending on the event
- Configurable volume high/low
- Volume 80 dB / 90 dB(A) (low/high volume)

Operating voltage:	15 to 30 V DC
Current consumption:	1,5 mA Low 4,0 mA High
Protection class:	IP31D
Operating temperature:	-10°C to +55°C
Weight:	
BX-SBL 502-W	161 g
BX-SBL 502-WDB / RDB	167 g
Dimensions (ØxH):	
BX-SBL 502-W	116 x 32 mm
BX-SBL 502-WDB / RDB	116 x 36 mm
Material:	PC/ABS
Color:	signal white (RAL 9003) signal red (RAL 3001)

Approvals

VdS-Approval:	G 211029
Declaration of Performance (DoP):	CPR-20-13-101

17.2. Optical Alarm Medium

Beacon wall mounted



BW ESDA1000RRS	lens red, socket red, small	30-6300007-01-01
BW ESDA1000RRD	lens red, socket red, deep	30-6300007-02-01
BW ESBA4000WWS	lens clear, socket white, small	30-6300007-03-01
BW ESBA4000WWD	lens clear, socket white, deep	30-6300007-04-01

The beacon visually signals an alarm **according EN54-23**. Two flash sequences can be set. The housing is made of plastic. The Beacons can be connected to SecuriFire via B3/B5-OM8, B4/B6-EIO, and BX-IOM.

- Flashing frequency 0,5 or 1 Hz

Operating voltage:	17 to 60 V DC
Current consumption:	20 mA
Protection class:	
BW ESDA1000RRS / BW ESBA4000WWS	IP21C
BW ESDA1000RRD / BW ESBA4000WWD	IP65
Operating temperature:	-10°C to +55°C
Weight:	
BW ESDA1000RRS / BW ESBA4000WWS	170 g
BW ESDA1000RRD / BW ESBA4000WWD	220 g
Dimensions (ØxH):	
BW ESDA1000RRS / BW ESBA4000WWS	100 x 100 mm
BW ESDA1000RRD / BW ESBA4000WWD	100 x 122 mm
Material:	Polycarbonate
Color:	flame red (RAL 3000) signal white (RAL 9003)

Approvals

VdS-Approval:	
BW ESDA	G 214107
BW ESBA	G 214105
Declaration of Performance (DoP):	
BW ESDA	0832-CPR-F0150
BW ESBA	0832-CPR-F0007

Alarm Indication Modules

Beacon ceiling mounted



BC ESDA2000RRS	lens red, socket red, small	30-6300008-01-01
BC ESDA2000RRD	lens red, socket red, deep	30-6300008-02-01
BC ESBA3000WWS	lens clear, socket white, small	30-6300008-03-01
BC ESBA3000WWD	lens clear, socket white, deep	30-6300008-04-01

The beacon visually signals an alarm **according EN54-23**.
Two flash sequences can be set. The housing is made of plastic. The Beacons can be connected to SecuriFire via B3/B5-OM8, B4/B6-EIO, and BX-IOM.

- Flashing frequency 0,5 or 1 Hz

Operating voltage:	17 to 60 V DC
Current consumption:	20 mA
Protection class:	
BC ESDA2000RRS / BC ESBA3000WWS	IP21C
BC ESDA2000RRD / BC ESBA3000WWD	IP65
Operating temperature:	-10°C to +55°C
Weight:	
BC ESDA2000RRS / BC ESBA3000WWS	170 g
BC ESDA2000RRD / BC ESBA3000WWD	220 g
Dimensions (ØxH):	
BC ESDA2000RRS / BC ESBA3000WWS	100 x 94 mm
BC ESDA2000RRD / BC ESBA3000WWD	100 x 117 mm
Material:	Polycarbonate
Color:	flame red (RAL 3000) signal white (RAL 9003)

Approvals

VdS-Approval:	
BC ESDA	G 214107
BC ESBA	G 214105
Declaration of Performance (DoP):	
BC ESDA	0832-CPR-F0148
BC ESBA	0832-CPR-F0009

Loop flashlight



BX-FOL-RR	red base, red	20-2100009-01-09
BX-FOL-WR	white base, red	20-2100009-02-09
BX-FOL-RO	red base, orange	20-2100009-03-09
BX-FOL-WO	white base, orange	20-2100009-04-09

Powered and driven by the loop. 2 flash frequencies (fast/slow), connectable to SecuriLine eXtended.

Operating voltage:	12 to 30 V DC
Current consumption:	3,7 mA
Protection class:	IP21
Operating temperature:	-10°C to +55°C
Weight:	110 g
Dimensions (ØxH):	93 x 54 mm
Material:	ABS
Color:	signal red (RAL 3001) signal white (RAL 9003)

Approvals

VdS-Approval:	G 210085
Declaration of Performance (DoP):	CPR-20-14-102

Flash Light



Solex R/SR/10C

lens red, base red

6300170

Optical xenon alarm medium in a robust design for indoor and outdoor application, available in 5 different lens colors. The red lens comes with red base only, other colors with white base only.

- Luminous intensity : red 4,8 cd

Operating voltage:	9 to 60 V DC
Current consumption:	93 mA
Protection class:	IP54 with special socket IP65
Operating temperature:	-25°C to +70°C
Weight:	150 g
Dimensions (ØxH):	93 x 63 mm
Material:	Polycarbonate/ABS

Approvals

VdS-Approval:	G 207018
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Accessories		
Socket deep, red, IP65	SO/D/R	6800145
Socket deep, red, IP65, 230V	SO/D/R/230	6800147

Note:
Run out phase.

17.3. Combined Siren / Beacon

Combined Siren/Beacon wall mounted



SBW ESFA1000RRS	lens red, socket red, small	30-6300009-01-01
SBW ESFA1000RRD	lens red, socket red, deep	30-6300009-02-01
SBW ESCA4000WWS	lens clear, socket white, small	30-6300009-03-01
SBW ESCA4000WWD	lens clear, socket white, deep	30-6300009-04-01

The optical signal transmitter is **according to EN 54-23**. It serves to signal a fire alarm audibly and optically in buildings; with an additional IP65 base it can also be used outdoors.

The signal transmitter can be mounted on the wall (category W)

- Flashing frequency 0,5 or 1 Hz
- Sound level DIN tone 97 dB (A)

Operating voltage:	17 to 60 V DC
Current consumption:	25 mA
Protection class:	
SBW ESFA1000RRS / SBW ESCA4000WWS	IP21C
SBW ESFA1000RRD / SBW ESCA4000WWD	IP65
Operating temperature:	-25°C to +70°C
Weight:	
SBW ESFA1000RRS / SBW ESCA4000WWS	170 g
SBW ESFA1000RRD / SBW ESCA4000WWD	220 g
Dimensions (ØxH):	
SBW ESFA1000RRS / SBW ESCA4000WWS	100 x 100 mm
SBW ESFA1000RRD / SBW ESCA4000WWD	100 x 122 mm
Material:	Polycarbonate
Color:	flame red (RAL 3000) signal white (RAL 9003)

Approvals

VdS-Approval:	
SBW ESFA	G 214108
SBW ESCA	G 214106
Declaration of Performance (DoP):	
SBW ESFA	0832-CPR-F0149
SBW ESCA	0832-CPR-F0010

Alarm Indication Modules

Combined Siren/Beacon ceiling mounted



SBC ESFA2000RRS	lens red, socket red, small	30-6300010-01-01
SBC ESFA2000RRD	lens red, socket red, deep	30-6300010-02-01
SBC ESCA3000WWS	lens clear, socket white, small	30-6300010-03-01
SBC ESCA3000WWD	lens clear, socket white, deep	30-6300010-04-01

The optical signal transmitter is **according to EN 54-23**. It serves to signal a fire alarm audibly and optically in buildings; with an additional IP65 base it can also be used outdoors.

The signal transmitter can be mounted on the ceiling (category C).

- Flashing frequency 0,5 or 1 Hz
- Sound level DIN tone 97 dB (A)

Operating voltage:	17 to 60 V DC
Current consumption:	25 mA
Protection class:	
SBC ESFA2000RRS / SBC ESCA3000WWS	IP21C
SBC ESFA2000RRD / SBC ESCA3000WWD	IP65
Operating temperature:	-10°C to +70°C
Weight:	
SBC ESFA2000RRS / SBC ESCA3000WWS	220 g
SBC ESFA2000RRD / SBC ESCA3000WWD	270 g
Dimensions (ØxH):	
SBC ESFA2000RRS / SBC ESCA3000WWS	100 x 95 mm
SBC ESFA2000RRD / SBC ESCA3000WWD	100 x 117 mm
Material:	Polycarbonate
Color:	flame red (RAL 3000) signal white (RAL 9003)

Approvals

VdS-Approval:	
SBC ESFA	G 214108
SBC ESCA	G 214106
Declaration of Performance (DoP):	
SBC ESFA	0832-CPR-F0147
SBC ESCA	0832-CPR-F0008

18. Room Indication Lamps

Room Indication Lamp



RAL 720X



RAL 721



RAL 722



RAL 723



RAL 728 Ex

RAL 720X	IP42	246336
RAL 721	IP65	210056
RAL 722	IP42	210064
RAL 723	IP40	246565
RAL 728 Ex	IP66	249696

Alarm indication of fire detectors which are not directly visible e.g. behind doors or which are mounted in a hidden place e.g. false ceiling.
Activation from detector output or via appropriate output module.

Operating voltage:	5 to 30 V DC
RAL 728 Ex	12.. 254 VAC / DC

Current consumption:	
RAL 720X	max. 1 mA
RAL 721/ 722 / 723	max. 4.9 mA
RAL 728 Ex	max. 15 mA

Protection class:	
RAL 720X	IP42
RAL 721	IP65
RAL 722	IP42
RAL 723	IP40
RAL 728 Ex	IP66

Operating temperature:	-20°C to +60°C
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Weight:	
RAL 720X	53 g
RAL 721	55 g
RAL 722	15 g
RAL 723	11 g
RAL 728 Ex	125 g

Dimensions (ØxH):	
RAL 720X	85 x 85 x 30 mm
RAL 721	53 x 70 x 53 mm
RAL 722	20 x 68 mm
RAL 723	48,5 x 20 x 16 mm
RAL 728 Ex	80 x 93 x 92 mm

Color (socket / lens):	
RAL 720X	Plastic PC, white / Plastic transparent, red
RAL 721	Plastic PC, white / Plastic transparent, red
RAL 722	Plastic, white / Plastic transparent, red
RAL 723	Plastic, white / Plastic transparent, white
RAL 728 Ex	Plastic PC, black / Plastic transparent, red

Accessories

Cover plate for RAL 722	Z RAL 718/722	192198
Raised floor console for RAL 722	HKS 718	144223
Bottom and Cover for RAL 720	RAL REH	201820

19. Special Detectors

Water sensor 12/24 V DC



133981



WS 61 A

The water detector WS 61 is sensitive to smallest amounts of water. Two sensors just above the floor activate a potential free changeover contact as soon as they get in contact with water and will thus release an alarm.

- Detects not only water but also other conductive liquids
- Completely waterproof housing
- Low current consumption
- Suitable for remote testing

Operating voltage:	12 to 24 V DC
Current consumption:	10 mA
Protection class:	IP65
Operating temperature:	-20°C to +60°C
Weight:	125 g
Dimensions with base (HxWxD):	48 x 112 x 25 mm

20. Modernisation Parts for SecuriFire 3000

Universal Alarm & Control Module



30-5700010-01-02



UAC 150

The UAC 150 is a Universal Alarm and Control Module of fire detection technology. It is an addressable module which can be used both as a signal receiver for devices with switching contacts (detector) and as a control module for self-powered external devices (actuator).

- Max cable length input/output: 3 m

Operating voltage:	18 to 30 V DC
Current consumption:	0,12 mA
Protection class:	IP20 with case IP66
Operating temperature:	-20°C to +60°C
Weight:	125 g
Dimensions (HxWxD):	46 x 60 x 15 mm
Material:	Polystyrol

Approvals

VdS-Approval:	G 211002
Declaration of Performance (DoP):	CPR-30-13-016

Accessories

Housing for loop module IP66	GEH MOD IP66	FG020234
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Note:

Run out phase.



MMD 140

30-5000001-01-02

The MMD 140 is an automatic detector for smoke or heat, selectable via DIL-switch. It is individual addressable and operates via the fire detector line technique 140 on the Securitron fire alarm system SecuriFire, SecuriPro and BMZ.

Operating voltage:	14 to 30 V DC
Current consumption:	0,11 mA
Protection class:	IP44
Operating temperature:	-25°C to +60°C
Weight:	130 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 209219
Declaration of Performance (DoP):	CPR-30-13-010

Note:

Run out phase.

Multicriteria Modernisation Detector



MMD 150

30-5000002-01-02

The MMD 150 is an automatic detector for smoke or heat, selectable via DIL-switch. It is individual addressable and operates via the fire detector line technique 150 on the Securiton fire alarm system SecuriFire and BMZ.

Operating voltage:	18 to 30 V DC
Current consumption:	0,11 mA
Protection class:	IP44
Operating temperature:	-25°C to +60°C
Weight:	130 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS / PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 209218
Declaration of Performance (DoP):	CPR-30-13-011

Note:

Run out phase.

Modernisation Parts for SecuriFire 3000

Modernisation Duct Smoke detector for FAS 3401



LKM 140

30-5500003-01-01

For early detection of smouldering and open fires with smoke development. For mounting in the LKM-Set, for ventilation ducts.

Modernisation detector for FAS 3401 stub lines.

- Signature alarm for smoke
- Smoke pre-signal
- Alarm threshold tracking

Operating voltage:	14 to 30 V DC
Current consumption:	0,1 mA
Operating temperature:	-25°C to +60°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 216072
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Note:

Run out phase.

Modernisation Duct Smoke detector for FAS 3401 and BMZ 360



LKM 150

30-5500004-01-01

For early detection of smouldering and open fires with smoke development. For mounting in the LKM-Set, for ventilation ducts.

Modernisation detector for FAS 3401 and BMZ 360 loops.

Operating voltage:	18 to 30 V DC
Current consumption:	0,1 mA
Operating temperature:	-25°C to +60°C
Weight:	125 g
Dimensions with base (ØxH):	118,8 x 58,1 mm
Material:	ABS/PC
Color:	signal white (RAL 9003)

Approvals

VdS-Approval:	G 216073
Declaration of Performance (DoP):	CPR-30-16-030

Note:

Run out phase.

Manual call points modernisation, Type B



MCP 140-1

IP54

30-5700001-01-02

MCP 140-3

IP52

30-5700001-03-02

The addressable manual call point MCP 140 fulfils the EN54-11 and VdS standard. It is from type B (double action) and operates via the fire detector line technique 140 on the Securiton fire alarm system SecuriFire, SecuriPro and BMZ.

Operating voltage:	18 to 30 V DC
Current consumption:	0,08 mA
Protection class:	IP 52
Operating temperature:	-20°C to +50°C
Weight:	245 g
Dimensions (HxWxD):	135 x 135 x 36 mm
Material:	ASA
Color:	signal red (RAL 3001)

Approvals

VdS-Approval:	G 209221
Declaration of Performance (DoP):	CPR-30-13-004

Manual call points modernisation, Type B



MCP 150-1

IP54

30-5700002-01-02

MCP 150-3

IP52

30-5700002-03-02

The addressable manual call point MCP 150 fulfils the EN54-11 and VdS standard. It is from type B (double action) and operates via the fire detector line technique 150 on the Securiton fire alarm system SecuriFire and BMZ.

Operating voltage:	18 to 30 V DC
Current consumption:	0,08 mA
Protection class:	IP 52
Operating temperature:	-20°C to +50°C
Weight:	245 g
Dimensions (HxWxD):	135 x 135 x 36 mm
Material:	ASA
Color:	signal red (RAL 3001)

Approvals

VdS-Approval:	G 209220
Declaration of Performance (DoP):	CPR-30-13-019

21. Overvoltage Protection Devices

Lightning and surge arrester combination device,
type 1+2 (for PSU)



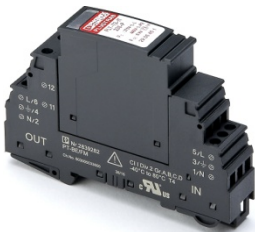
FLT-SEC-T1+T2-1S-350/25-FM

30-6900078-01-01

Plug-in lightning and overvoltage arrester combination, in accordance with Type 1+2/Class I+II, for 1-phase power supply networks, with separate N and PE (L1, PE, N)
- IEC test classification T1+T2

Operating voltage:	240 VAC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	95,2 x 71,2 x 74,5 mm
Material:	PBT-FR
Color:	light grey (RAL 7035) traffic grey (RAL 7042)

Surge protection device, type 3 (for PSU)



PLT-T3-IT-230-FM

30-6900079-01-01

Overvoltage protection type 3, as device protection for termination devices in IT systems, error indication and remote indicator contact.

- Surge voltage category III
- Pollution degree 2
- IEC test classification T3

Operating voltage:	230 VAC
Protection class:	IP20
Operating temperature:	-40°C to +70°C
Dimensions (HxWxD):	90 x 17,7 x 65,5 mm
Material:	PA 6.6
Color:	jet black (RAL 9005)

Surge protection device, class C1, C2, D1
(for DXI or LEExx)



PT-IQ-4x1+F-24DC-PT

30-6900080-01-01

Overvoltage protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module for four signal wires with common reference potential. Indirect grounding via gas-filled surge arrester.

- IEC test classification C1+C2+D1

Operating voltage:	24 V DC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	109,3 x 17,7 x 77,5 mm
Material:	PA 6.6
Color:	jet black (RAL 9005)

Surge protection device, class C1, C2, D1 (for Input, output or detector zones)



PT-IQ-2x1+F-24DC-PT

30-6900081-01-01

Overvoltage protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module for two signal wires with common reference potential. Indirect grounding via gas-filled surge arrester.

- IEC test classification C1+ C2+D1

Operating voltage:	24 V DC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	109,3 x 17,7 x 77,5 mm
Material:	PA 6.6
Color:	jet black (RAL 9005)

Surge protection device, class C1, C2, D1 (for MMI-Bus or SecuriLan)



PT-IQ-5-HF+F-5DC-PT

30-6900082-01-01

Overvoltage protection, consisting of protective plug and base element, with integrated multi-stage status indicator on the module for five signal wires. For HF applications and telecommunications interfaces without supply voltage (up to 90 Mbps).

- IEC test classification C1+C2+D1

Operating voltage:	5 V DC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	109,3 x 17,7 x 77,5 mm
Material:	PA 6.6
Color:	jet black (RAL 9005)

Module for supply and remote signaling of connected surge protection devices



PT-IQ-PTB-PT

30-6900083-01-01

Controller for power supply and multi-stage, floating remote signaling of connected overvoltage protection modules.

Operating voltage:	30 VAC / 50 V DC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	109,3 x 17,7 x 77,5 mm
Material:	PA 6.6
Color:	jet black (RAL 9005)

Overvoltage Protection Devices

Surge protection device, class C1, C2, D1 (for SecuriLan)



TT-SLKK5-F/110A

30-6900084-01-01

Modular terminal block with gas-filled overvoltage arrester as coarse protection between clamping connector and DIN rail, separate PE connection, nominal voltage: 110 V AC, mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

- IEC test classification C1+C2+D1

Operating voltage:	110 VAC / 150 V DC
Protection class:	IP20
Operating temperature:	-40°C to +80°C
Dimensions (HxWxD):	66,5 x 6,2 x 69,5 mm
Material:	PA
Color:	jet black (RAL 9005)

Accessories and Spare Parts for Overvoltage Protection Devices

Various spare parts

	Shield clamps for cable Ø 3-6 mm	SSA 3-6	30-6800068-01-01
	Shield clamps for cable Ø 5-10 mm	SSA 5-10	30-6800068-02-01
	Trough terminal for networking packing unit 2 pcs.	STU 10/4x2,5 2er	30-6800069-01-01
	Connector to connect surge protection devices with PT-IQ-PTB-PT packing unit 2 pcs.	FK-MC 0,5/ 5-ST-2,5 2er	30-6800071-01-01
	Earth lead terminal 0,5 to 10 mm²	USLKG 10 N	30-6800072-01-01
	Housing with cap rail, transparent cover Dimensions (HxWxD):175 x 175 x 100 mm	GEH HS TP	30-6800070-01-01
	Housing with cap rail, not transparent cover Dimensions (HxWxD):175 x 175 x 100 mm	GEH HS GS	30-6800070-02-01

22. Batteries

Backup Battery 12V / 2,2 Ah



SBV 2.3-12

30-2310001-01-02

Battery, Pb, 12V, 2,2 Ah capacity.
VdS approved

Weight:	1000 g
Dimensions (HxWxD):	69 x 36 x 180 mm

Approvals

VdS-Approval:	G 110047
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Backup Battery 12V / 6.5-7 Ah



WP7.2-12A

30-2310002-01-01

Battery, Pb, 12V, 6.5 Ah capacity.
VdS approved

Weight:	2200 g
Dimensions (HxWxD):	153 x 67 x 102 mm

Approvals

VdS-Approval:	G 114047
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Backup Battery 12V / 10-12 Ah



WP12-12A

30-2310003-01-01

Battery, Pb, 12V, 10 Ah capacity.
VdS approved

Weight:	4000 g
Dimensions (HxWxD):	153 x 92 x 102 mm

Approvals

VdS-Approval:	G 114037
---------------	----------

Backup Battery 12V / 16-18 Ah



WP18-12SHR

30-2310004-01-01

Battery, Pb, 12V, 16 Ah capacity.
VdS approved

Weight:	6000 g
Dimensions (HxWxD):	183 x 78 x 169 mm

Approvals

VdS-Approval:	G 114033
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Batteries

Backup Battery 12V / 24-27 Ah



WP26-12

30-2310005-01-01

Battery, Pb, 12V, 24 Ah capacity.
VdS approved

Weight:	8200 g
Dimensions (HxWxD):	168 x 177 x 127 mm

Approvals

VdS-Approval:	G 103065
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Backup Battery 12V / 38-45 Ah



WP45-12

30-2310006-01-01

Battery, Pb, 12V, 38 Ah capacity.
VdS approved

Weight:	17'000 g
Dimensions (HxWxD):	199 x 167 x 172 mm

Approvals

VdS-Approval:	G 182024
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Backup Battery 12V / 65 Ah



WP65-12

30-2310007-01-01

Battery, Pb, 12V, 65 Ah capacity.
VdS approved

Weight:	20'000 g
Dimensions (HxWxD):	174 x 350 x 166 mm

Approvals

VdS-Approval:	G 105088
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Backup Battery 12V / 85 Ah



A512/85 A

30-2310008-01-01

Battery, Pb, 12V, 85 Ah capacity.
VdS approved

Weight:	20'000 g
Dimensions (HxWxD):	236 x 330 x 171 mm

Approvals

VdS-Approval:	G 190046
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23. Installation, Test and Commissioning Tools

23.1. Detector Test Equipment

Univ. Detector Remover, standard version
for detector series 523/533/563/573



UDR 533 S

5600095-0201

Removal and insertion of SecuriStar detector series 523/533 and 563/573.

- solid version
- Pluggable on telescopic pole series UTP

Weight:	ca. 350 g
Dimensions (ØxH):	98 x 232 mm

Univ. Detector Remover, cardan version
for detector series 523/533/563/573



UDR 533 K

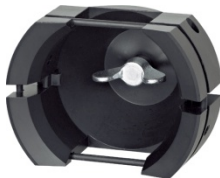
5600096-0201

Removal and insertion of SecuriStar detector series 523/533 and 563/573.

- With cardan joint
- Pluggable on telescopic pole series UTP

Weight:	540 g
Dimensions (ØxH):	148 x 247,5 mm

Adapter for UDR 521/531 K
for detector series 523/533/563/573



UDR 533 A

5600094-0201

The UDR 533 A serves as exchangeable adaptor and can be inserted into the UDR 521/531 K, detector removers for SecuriStar detector series, 523/533, 563/573.

Weight:	160 g
Dimensions (ØxH):	98 x 62 mm

Univ. Detector Remover for STD, SSD, UTD 5x1
with gum links



UDR 521/531

5600075

The UDR 521/ 531 serves as exchangeable adaptor and can be inserted into the UDR 521/531 K, detector removers for SecuriStar detector series STD, SSD, UTD 5x1 with gum links

Weight:	160 g
Dimensions (ØxH):	97 x 62 mm

Installation, Test and Commissioning Tools

Univ. Detector Remover, cardan version for STD, SSD, UTD 5x1



UDR 521/531 K

5600076

The UDR 521/ 531 serves as exchangeable adaptor and can be inserted into the UDR 521/531 K, detector removers for SecuriStar detector series STD, SSD, UTD 5x1 with cardanic mounting

Detector remover for SecuriAir FDOOT271-O



FDUD291






20-3001151-01-01

The detector remover for SecuriAir radio fire detectors FDOOT271-O. It can be inserted into the adapter UTP 918 which can be mounted on the standard pole UTP 6 and UTP 7.

Weight:	594 g
Dimensions (HxWxD):	121 x 390 mm

Detector Test Equipment

Adapter and Extension Poles

	Adapter SOLO-Testpole to UDR 533	ASU 533	5600099-0201
	Universal Telescope pole 1,7 to 3,0 m	UTP 6	5600072
	Universal Telescope pole 2,2 to 4,0 m	UTP 7	5600073
	Adapter to mount the FDUD291 SecuriAir detector remover on the universal telescope pole UTP 6 and UTP 7	UTP 918	5600080
	Extension piece 1.35 m for UTP 6 and UTP 7. For working height up to: 6,0 m / 7,00 m	UTP 5	3330253

Fire Detector Test Equipment 533



FDT 533

5600097-0201

Fire Detector Test equipment.
For SecuriStar detector series 523/533, 563/573 (smoke and heat) and for the SecuriStar detector series 521/531 (only smoke).

- Pluggable on telescopic pole series UTP
- For using with 918/5 test gas can

Weight: 360 g

CO test extension for FDT 533 CO-Set



FDT 533 CO-SET

30-5600001-01-01

For the optional enhancement of the FDT 533 for testing the CO functionality of the multiple sensor detector CCD573X.

- Pluggable on FDT 533
- For using with CO test gas can

Weight: 305 g

Test gas



918/5 Test gas

– Attention: Danger



3330253

Regulation (EC) No. 1272/2008

For functional testing of smoke detectors. Lasts for approx. 200 tests. Free of halogenated hydrocarbons.

Hazard statements:

- H222 Extremely flammable aerosol
- H229 Pressurised container: May burst if heated
- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness

Dangerous goods may cause additional costs on airfreight.

CO Test gas



SOLO C3

– Attention: Warning

3330253

Regulation (EC) No. 1272/2008

For functional testing of CO detectors. Carbon monoxide is a highly toxic, colorless and odorless gas.

Hazard statements:

- H229 Pressurised container: May burst if heated

Dangerous goods may cause additional costs on airfreight.

Installation, Test and Commissioning Tools

Smoke and Heat Det. Test Kit



Testifire 1001

6900451-0201

Testifire 2001

Including carbon monoxide release for testing of CO detectors

6900452-0201

Fire Detector Test equipment for SecuriStar detector series 521/531, 523/533, 563/573 smoke detectors, heat detectors and combined detectors (smoke and heat) as well for the HX detector series.

- Creates smoke and heat from the same unit
- Integrated ventilator for rapid air cleaning inside tester
- Activation via infrared sensor, no mechanical contact
- Multilanguage user menu on the display
- Battery powered, free movable device

Complete set including:

- Test device smoke and heat
- two battery batons
- battery charger

Protection class:	IP20
Operating temperature:	-10 °C to +50 °C
Weight:	1200g
Dimensions (ØxH):	153 x 273 mm

Accessories and Spare Parts for Testifire

Testing Capsules



Smoke capsule for Testifire 1001 and 2001

Smoke Capsule TS3

6900453-0201



CO capsule for Testifire 2001

CO Capsule TC3

6900454-0201

Batteries for Testifire



Battery baton for Testifire 1001 and 2001

Solo 770

30-6900100-01-01



Universal fast battery charger for Testifire 1001 and 2001

Solo 727

30-6900099-01-01

Telescopic and Extension Pole for Testifire



Fibreglass 4 Section Telescopic Pole - 4.5 m
Accepts up to three Solo 101

Solo 100

6900459-0201



Fibreglass 2 Section Telescopic Pole - 2.5 m
Accepts additional Solo 101

Solo 108

6900460-0201



Fibreglass Extension Pole - 1,13 m

Solo 101

6900461-0201

Storage Bags for Testifire



Bag for tester and access poles

Solo 610

6900457-0201



Separate Pole Carrying / Storage Bag for access poles

Solo 620

6900458-0201

23.1. Loop Test Equipment

Loop Test Board (incl. AC/DC adapter)



STB 01X-E

50-1000004-02-04

Hand held control device for testing and troubleshooting of the SecuriLine eXtended installation and their participants. Includes the power supply adapter (100-240 VAC/24 V DC) and an USB serial interface to a PC. Suitable for SecuriLine eXtended up to 250 loop devices.

Protection class:	IP20
Operating temperature:	+5 °C to +40 °C
Weight:	480 g
Dimensions (HxWxD):	220 x 116 x 95 mm
Material:	Polyamid
Color:	black grey (RAL 7021)

Accessories

STB 01X Transport case	CASE STB 01X	50-1000019-01-01
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24. RAL-Colors

Multicolor products (MC) are available in 210 different RAL CLASSIC colors.

RAL colors with metallic contents and luminous colors are not available due to technical reasons.

- Metallic paints cause EMV discharge according to EN 61000-4-2.
- The luminous colors can be implemented only by repeated painting, instead of the usual 1-2 layers, up to 4-5 layers are required for the luminous colors. Therefore, it comes to complications when screwing the detector into the socket. Those lines are crossed-out.

Please order all MC variants with color and gloss level. Possible gloss levels are: semi-gloss and glossy.

Example:

RAL 6002 glossy

RAL Nr.	Description
RAL 1000	Green beige
RAL 1001	Beige
RAL 1002	Sand yellow
RAL 1003	Signal yellow
RAL 1004	Golden yellow
RAL 1005	Honey yellow
RAL 1006	Maize yellow
RAL 1007	Daffodil yellow
RAL 1011	Brown beige
RAL 1012	Lemon yellow
RAL 1013	Oyster white
RAL 1014	Ivory
RAL 1015	Light ivory
RAL 1016	Sulfur yellow
RAL 1017	Saffron yellow
RAL 1018	Zinc yellow
RAL 1019	Grey beige
RAL 1020	Olive yellow
RAL 1021	Rape yellow
RAL 1023	Traffic yellow
RAL 1024	Ochre yellow
RAL 1026	Luminous yellow
RAL 1027	Curry
RAL 1028	Melon yellow
RAL 1032	Broom yellow
RAL 1033	Dahlia yellow
RAL 1034	Pastel yellow
RAL 1035	Pearl beige
RAL 1036	Pearl gold
RAL 1037	Sun yellow
RAL 2000	Yellow orange
RAL 2001	Red orange
RAL 2002	Vermilion
RAL 2003	Pastel orange
RAL 2004	Pure orange
RAL 2005	Luminous orange
RAL 2007	Luminous bright orange
RAL 2008	Bright red orange
RAL 2009	Traffic orange
RAL 2010	Signal orange
RAL 2011	Deep orange
RAL 2012	Salmon orange
RAL 2013	Pearl orange
RAL 3000	Flame red

RAL Nr.	Description
RAL 3001	Signal red
RAL 3002	Carmine red
RAL 3003	Ruby red
RAL 3004	Purple red
RAL 3005	Wine red
RAL 3007	Black red
RAL 3009	Oxide red
RAL 3011	Brown red
RAL 3012	Beige red
RAL 3013	Tomato red
RAL 3014	Antique pink
RAL 3015	Light pink
RAL 3016	Coral red
RAL 3017	Rose
RAL 3018	Strawberry red
RAL 3020	Traffic red
RAL 3022	Salmon pink
RAL 3024	Luminous red
RAL 3026	Luminous bright red
RAL 3027	Raspberry red
RAL 3031	Orient red
RAL 3032	Pearl ruby red
RAL 3033	Pearl pink
RAL 4001	Red lilac
RAL 4002	Red violet
RAL 4003	Heather violet
RAL 4004	Claret violet
RAL 4005	Blue lilac
RAL 4006	Traffic purple
RAL 4007	Purple violet
RAL 4008	Signal violet
RAL 4009	Pastel violet
RAL 4010	Telemagenta
RAL 4011	Pearl violet
RAL 4012	Pearl blackberry
RAL 5000	Violet blue
RAL 5001	Green blue
RAL 5002	Ultramarine blue
RAL 5003	Sapphire blue
RAL 5004	Black blue
RAL 5005	Signal blue
RAL 5007	Brilliant blue
RAL 5008	Grey blue
RAL 5009	Azure blue

RAL Nr.	Description
RAL 5010	Gentian blue
RAL 5011	Steel blue
RAL 5012	Light blue
RAL 5013	Cobalt blue
RAL 5014	Pigeon blue
RAL 5015	Sky blue
RAL 5017	Traffic blue
RAL 5018	Turquoise blue
RAL 5019	Capri blue
RAL 5020	Ocean blue
RAL 5021	Water blue
RAL 5022	Night blue
RAL 5023	Distant blue
RAL 5024	Pastel blue
RAL 5025	Pearl gentian blue
RAL 5026	Pearl night blue
RAL 6000	Patina green
RAL 6001	Emerald green
RAL 6002	Leaf green
RAL 6003	Olive green
RAL 6004	Blue green
RAL 6005	Moss green
RAL 6006	Grey olive
RAL 6007	Bottle green
RAL 6008	Brown green
RAL 6009	Fir green
RAL 6010	Grass green
RAL 6011	Reseda green
RAL 6012	Black green
RAL 6013	Reed green
RAL 6014	Yellow olive
RAL 6015	Black olive
RAL 6016	Turquoise green
RAL 6017	May green
RAL 6018	Yellow green
RAL 6019	Pastel green
RAL 6020	Chrome green
RAL 6021	Pale green
RAL 6022	Olive drab
RAL 6024	Traffic green
RAL 6025	Fern green
RAL 6026	Opal green
RAL 6027	Light green
RAL 6028	Pine green

RAL Nr.	Description
RAL 6029	Mint green
RAL 6032	Signal green
RAL 6033	Mint turquoise
RAL 6034	Pastel turquoise
RAL 6035	Pearl green
RAL 6036	Pearl opal green
RAL 7000	Squirrel grey
RAL 7001	Silver grey
RAL 7002	Olive grey
RAL 7003	Moss grey
RAL 7004	Signal grey
RAL 7005	Mouse grey
RAL 7006	Beige grey
RAL 7008	Khaki grey
RAL 7009	Green grey
RAL 7010	Tarpaulin grey
RAL 7011	Iron grey
RAL 7012	Basalt grey
RAL 7013	Brown grey
RAL 7015	Slate grey
RAL 7016	Anthracite grey
RAL 7021	Black grey
RAL 7022	Umbra grey
RAL 7023	Concrete grey
RAL 7024	Graphite grey
RAL 7026	Granite grey

RAL Nr.	Description
RAL 7030	Stone grey
RAL 7031	Blue grey
RAL 7032	Pebble grey
RAL 7033	Cement grey
RAL 7034	Yellow grey
RAL 7035	Light grey
RAL 7036	Platinum grey
RAL 7037	Dusty grey
RAL 7038	Agate grey
RAL 7039	Quartz grey
RAL 7040	Window grey
RAL 7042	Traffic grey A
RAL 7043	Traffic grey B
RAL 7044	Silk grey
RAL 7045	Telegrey 1
RAL 7046	Telegrey 2
RAL 7047	Telegrey 4
RAL 7048	Pearl mouse grey
RAL 8000	Green brown
RAL 8001	Ochre brown
RAL 8002	Signal brown
RAL 8003	Clay brown
RAL 8004	Copper brown
RAL 8007	Fawn brown
RAL 8008	Olive brown
RAL 8011	Nut brown

RAL Nr.	Description
RAL 8012	Red brown
RAL 8014	Sepia brown
RAL 8015	Chestnut brown
RAL 8016	Mahogany brown
RAL 8017	Chocolate brown
RAL 8019	Grey brown
RAL 8022	Black brown
RAL 8023	Orange brown
RAL 8024	Beige brown
RAL 8025	Pale brown
RAL 8028	Terra brown
RAL 8029	Pearl copper
RAL 9001	Cream
RAL 9002	Grey white
RAL 9003	Signal white
RAL 9004	Signal black
RAL 9005	Jet black
RAL 9006	White aluminium
RAL 9007	Grey aluminium
RAL 9010	Pure white
RAL 9011	Graphite black
RAL 9016	Traffic white
RAL 9017	Traffic black
RAL 9018	Papyrus white
RAL 9022	Pearl light grey
RAL 9023	Pearl dark grey

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