

BOSEC
CERTIFICATE
N° B - 9174 - FD - 977-a

We certify that the fire detection system BOSCH FPC-500-2 (2 zones), FPC-500-4 (4 zones), FPC-500-8 (8 zones) with the following components:

See annex 1 & 2

comply with the following specifications :

BOSEC Mark Rules : Products Certification (BOSEC - Products rules E dd 20151112) and Administrative and Legal Clauses (BOSEC - Admin Legal Rules E dd 20151112)
EN 54-13:2005

on the base of the report of the laboratories ANPI, EC(CPD) Certificates of conformity:

BFS/DE-S/033-2014.01.22 & 0786-CPD-21105 - 16/01/2012, 0786-CPD-20351 - 29/04/2008, 0786-CPR-20203 - 04/03/2014, 0786-CPD-20353 - 29/04/2008, 0786-CPD-20352 - 29/04/2008, 0786-CPD-20355 - 29/04/2008, 0786-CPR-20204 - 04/03/2014, 0786-CPD-20332 - 16/10/2007, 0832-CPD-1374 - 05/05/2010, 0786-CPD-20926 - 03/03/2010, 0786-CPD-21028 - 17/03/2011

*This certificate is only valid if the components are provided with the mark **BOSEC**.*

The company

BOSCH SICHERHEITSSYSTEME GmbH
Robert-Bosch-Platz 1
70839 GERLINGEN
Germany

*is authorised to use the mark **BOSEC** on the hereafter mentioned components.*

*This certificate is granted subject to the **ANPI** terms and conditions and is valid until*

the 17th of March 2029

*signed on behalf of **ANPI**
Brussels, the 6th of April 2017
i.o.*

The Secretary General

M. Vandenberghe

ANNEX 1 TO THE CERTIFICATE N° B - 9174 - FD - 977-a

The certificate delivered on the 6th of April 2017 to the company:

BOSCH SICHERHEITSSYSTEME GmbH
Robert-Bosch-Platz 1
70839 GERLINGEN
Germany

is composed of the following components:

Manufactured at:

CONTROL AND INDICATING EQUIPMENT:

Bosch FPC-500-2 (2 zones) with integrated Power Supply Equipment
Bosch FPC-500-4 (4 zones) with integrated Power Supply Equipment
Bosch FPC-500-8 (8 zones) with integrated Power Supply Equipment

Zhuhai, China

Surveillance module :

Bosch FPC-500-OCEXT (extension board open collector)
Bosch FPC-500-RLYEXT (extension board relay)

Optical smoke detector:

Bosch FCP-O320 (*)
Bosch FCP-O 500-P (**)
Variant: Bosch FCP-O 500 (**)

Zhuhai, China

Zhuhai, China

Heat detector:

Bosch FCH-T320 (*) (class A2R)

Zhuhai, China

Multisensor detector:

Bosch FCP-OT320 (*) (heat class A2R)
Bosch FCP-OC320 (*)
Bosch FCP-OC 500-P (**)
Variant: Bosch FCP-OC 500 (**)

Zhuhai, China

Zhuhai, China

Zhuhai, China

Bases:

Bosch MS400, (*)
Bosch FCA-500-EU, (**)
Variant: Bosch FCA-500-E-EU (**)

Manual Call Point:

Bosch FMC-300RW-GSRRD

Zhuhai, China

Sounders:

Cooper Fulleon FNM-320-SRD (type B, surface-mount, red)
Variants: Cooper Fulleon FNM-320-FRD (type A, Flush-mount, red),
FNM-320-SWH (type B, Surface-mount, white), FNM-320-FWH (type A, Flush-mount, White)

Cwmbran, UK

Input/Output Devices:

Bosch FLM-320-EOL2W (EOL Module 2 wires)
Bosch FLM-320-EOL4W-S (EOL Module 4 wires)

Zhuhai, China

Zhuhai, China

All the tested components are of type 1 following the EN54-13 standard.

This annex is a undivided part of the **BOSEC**
system certificate and is valid until

the 17th of March 2029

signed on behalf of **ANPI**
Brussels, the 6th of April 2017
i.o.

The Secretary General
M. Vandendriessche

asbl **ANPI** vzw - Parc scientifique Fleming - Granbonpré 1 B-1348 Louvain-La-Neuve

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ANNEX 2 TO THE CERTIFICATE N° B - 9174 - FD – 977-a

The certificate delivered on the 6th of April 2017 to the company:

BOSCH SICHERHEITSSYSTEME GmbH
Robert-Bosch-Platz 1
70839 GERLINGEN
Germany

take into account for the Control and Indicating Equipment BOSCH FPC-500-2 (2 zones), FPC-500-4 (4 zones), FPC-500-8 (8 zones) with the optional functions of the EN54-2/A1:2006 (options with requirements):

Options with requirements

- 7.8 Output to fire alarm devices
- 7.11 Delays to outputs
- 7.12.1 Dependencies on more than one alarm signal (type A)
- 7.12.2 Dependencies on more than one alarm signal (type B)
- 7.13 Alarmcounter
- 10. Test condition

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Brussels, the 6th of April 2017
i.o.*

The Secretary General

M. Vandendoren

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