Certificate of Conformity
202330034/AA/00

Kiwa FSS products declares that the listed product(s) complies with the Technical standards and specifications as indicated under Annex 2 of this certificate.

Product description:	Public Address and Voice Alarm System
Trademark:	Bosch
Type designation:	PRAESENSA
Variants:	See Annex 3

Placed on the market under the name or trademark of:

Name of the manufacturer:	Bosch Security Systems B.V.
Address:	Torenallee 49
City:	5617 BA EINDHOVEN
Country:	Netherlands

This certificate is granted to:

Name of the certificate holder:	Bosch Security Systems B.V.
Address:	Torenallee 49
City:	5617 BA EINDHOVEN
Country:	Netherlands

Ron Scheepers
Managing director

This certificate has THREE Annexes.

Remarks and observations

The following conditions are applicable:

Implemented optional functions with requirements (per clause of ISO 7240-16):

7.2	Alert signal
7.5	Audible warning
7.7	Phased evacuation
7.8.2	Silencing of the voice-alarm condition with a manual control
7.9.2	Reset of the voice-alarm condition with a manual control
7.11	Voice alarm-condition output signal
8.2.6.1	Faults related to the transmission path to the emergency detection system
8.2.6.2	Faults related to emergency loudspeaker zones
11	Manual mode control
11.3	Indication of emergency-loudspeaker zones in the fault-warning condition
12	Interface to external control device(s)
13	Emergency microphone
13.2	Microphone priority
13.3	Microphone emergency-loudspeaker-zone control
14.14	Redundant power amplifiers

Documentation lodged for this Certificate of Conformity

Test Reports:

- Telefication B.V.: 171201096-019-Ver 1.00, 06 May 2020
- Telefication B.V.: 171201096-022-Ver 1.00, 23 March 2020

Product Documentation:

- Assembly drawings
- Bill of material / Parts list
- Electronic schematics
- Manual
- Internal / external photos
- Label and label placement

Technical Standards and Specifications

The product shows no non-compliances with:

ISO 7240-16:2007	July, 2007
ISO 7240-4:2017	November, 2017

Applied Standards

Not Applicable

The product as described in this certificate includes the following type designations

- Product description:	Public Address and Voice Alarm System
- Trademark:	Bosch
- Type designation:	PRAESENSA

- Product description:	System controller
- Trademark:	Bosch
- Type designation:	PRA-SCL
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Amplifier, 600W 4-channel
- Trademark:	Bosch
- Type designation:	PRA-AD604
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Amplifier, 600W 8-channel
- Trademark:	Bosch
- Type designation:	PRA-AD608
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	End-of-line device
- Trademark:	Bosch
- Type designation:	PRA-EOL
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Multifunction power supply, large
- Trademark:	Bosch
- Type designation:	PRA-MPS3
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Desktop LCD call station
- Trademark:	Bosch
- Type designation:	PRA-CSLD
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Wallmount LCD call station
- Trademark:	Bosch
- Type designation:	PRA-CSLW
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Call station extension
- Trademark:	Bosch
- Type designation:	PRA-CSE
- Hardware version:	01/xx
- Software version:	1.xx

- Product description:	Ethernet switch, 8xPoE, 2xSFP
- Trademark:	Advantech
- Type designation:	PRA-ES8P2S
- Hardware version:	Rev. 04
- Software version:	1.01.04

- Product description: Fiber transceiver, multimode
- Trademark: Advantech
- Type designation: PRA-SFPSX
- Hardware version: Rev. A0
- Software version: N/A

- Product description: Fiber transceiver, single mode
- Trademark: Advantech
- Type designation: PRA-SFPLX
- Hardware version: Rev. A0
- Software version: N/A