



Certificate of
Conformity
202330034/AA/01



Issued 05-12-2023
Expiry date 05-12-2026

Replaces 202330034/AA/00
Page 1 / 6

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
Hardware / Software: - / -
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

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
- 7.10 Output to alarm devices
- 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
- Kiwa Nederland B.V.: 171201096-022-Ver 2.00, 06 October 2023

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
- Hardware version: -
- Software version: -

- Product description: System controller, large
- 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, 02/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: EKI-7710G-2CP (Bosch Order Code: PRA-ES8P2S)

- Hardware version:	Rev. 04
- Software version:	1.01.xx
- Product description:	Fiber transceiver, multimode
- Trademark:	Advantech
- Type designation:	SFP-GSX/LCI-AE (Bosch Order Code: PRA-SFPSX)
- Hardware version:	Rev. A0
- Software version:	N/A
- Product description:	Fiber transceiver, single mode
- Trademark:	Advantech
- Type designation:	SFP-GLX/LCI-10E (Bosch Order Code: PRA-SFPLX)
- Hardware version:	Rev. A0
- Software version:	N/A
- Product description:	Line isolator drive
- Trademark:	Hacousto Holland B.V.
- Type designation:	Loop Drive Booster (Bosch Order Code: PRA-LID)
- Hardware version:	R2
- Software version:	V5
- Product description:	Line isolator module
- Trademark:	Hacousto Holland B.V.
- Type designation:	Fault Isolator Module (Bosch Order Code: PRA-LIM)
- Hardware version:	HAC3001eV01R01, HAC3001fV01R01
- Software version:	FIMv01r09, FIMv01r10B1
- Product description:	Network synchronizer enterprise
- Trademark:	Advantech
- Type designation:	ARK1123 C-CTOS-ENNLBO02-M4 (Bosch Order Code: OMN-ARNIE)
- Hardware version:	00/xx
- Software version:	8.4x, 9.xx
- Product description:	Network synchronizer single
- Trademark:	Advantech
- Type designation:	ARK1123 C-CTOS-ENNLBO02-M5 (Bosch Order Code: OMN-ARNIS)
- Hardware version:	00/xx
- Software version:	8.4x, 9.xx
- Product description:	Industrial ethernet switch
- Trademark:	CISCO
- Type designation:	IE-5000-12S12P-10G
- Hardware version:	V06
- Software version:	15.2
- Product description:	Low Voltage DC Power Source for IE-5000
- Trademark:	CISCO
- Type designation:	PWR-RGD-LOW-DC-H
- Hardware version:	V01
- Software version:	N/A
- Product description:	10G SFP Transceiver Module
- Trademark:	CISCO
- Type designation:	SFP-10G-LR
- Hardware version:	V02
- Software version:	N/A
- Product description:	1G SFP Transceiver Module
- Trademark:	CISCO

- Type designation: GLC-LX-SM-RGD
- Hardware version: V02
- Software version: N/A

- Product description: DC-to-DC converter
- Trademark: Mean Well
- Type designation: DDR-60L-12
- Hardware version: N/A
- Software version: N/A

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

- Product description: Fist microphone, long cable
- Trademark: Bosch
- Type designation: PRA-FML
- Hardware version: 01/xx
- Software version: N/A

- Product description: Control interface module, 16x8
- Trademark: Bosch
- Type designation: PRA-IM16C8
- Hardware version: 01/xx
- Software version: 1.xx

- Product description: Loudspeaker DC blocking board
- Trademark: Bosch
- Type designation: PM1-LISD
- Hardware version: 01/xx
- Software version: N/A