

Certificate of Product Approval

Certificate Number: 1054a-(cl-1) Issue: 06

Bosch Security Systems BV

Torenallee 49
Eindhoven
5617BA
The Netherlands



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) as detailed below:

Products:

Control and indicating equipment

PROMATRIX 8000
(refer to Appendix for details)

Standards:

EN 54-16: 2008

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Wasantha Hunukumbure 20 September 2013 02 September 2011

Signed for LPCB

Verifier

Date of Issue

Date of First Issue



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Appendix to Certificate Number: 1054a-(cl-1) Bosch Security Systems BV

Issue: 06

| Certified Products | Description | LPCB Ref. No. |
|--------------------|--------------------------------------|---------------|
| PROMATRIX 8000 | Voice Alarm System | 1054a/01 |
| | Incorporating the following modules: | |
| DPM 8016 | Promatrix controller | |
| DPM AO-1 | Analog audio output module | |
| DPM UI-1 | Universal audio input module | |
| DPA 8150 | 1 x 500W Power amplifier | |
| DPA 8225 | 2 x 250W Power amplifier | |
| DPA 8412 | 4 x 125W Power amplifier | |
| DPC 8015 | Call station | |
| DCS 400 | DCS 19" Mounting Frame | |
| DCS 801R | Controller Module | |
| DCS 406R | Shield Module | |
| DCS 407R | AF Relay Module Ext | |
| DCS 408R | Loudspeaker relay Module | |
| DCS 409R | AF Relay Module | |
| DCS 412R | Logic Input Module | |
| DCS 416R | Analog I/O Module | |
| NRS90231 | Key lock switch | |
| EB DPC | Emergency button DPC 8000 series | |
| DPC 8120 | Call station extension | |
| LBB1965 | Plena message manager | |
| PLN-1EOL | End Of Line Board | |
| EOL 8001 | End Of Line Board | |
| P 64 | Digital Audio Matrix | |
| N8000 | Netmax System Controller | |
| AI-1 | Analog Audio Input Module | |
| AO-1 | Analog Audio Output Module | |
| MI-1 | Microphone Input Module | |
| CM-1 | Cobranet Network Module | |
| DM-1 | Dante Network Module | |
| DSP-1 | DSP Extension Module 300 Mips | |
| DSP-2V2 | DSP Extension Module 1500 Mips | |
| DSA 8405 | 4 X 500 W Power Amplifier | |

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|---|----------------------------|---------------|
| DSA 8410 | 4 X 1000 W Power Amplifier | |
| DSA 8805 | 8 X 500 W Power Amplifier | |
| CPS4.5 | 4 X 500 W Power Amplifier | |
| CPS4.10 | 4 X 1000 W Power Amplifier | |
| CPS8.5 | 8 X 500 W Power Amplifier | |
| RCM-810 | Remote Control Module | |
| LML-1 | Line Measuring Load | |
| <p>Certified with the following options with requirements from EN 54 Part 16:</p> <p>7.6.2 Manual silencing of the voice alarm condition 7.7.2 Manual reset of the voice alarm condition 7.9 Voice alarm condition output 8.3 Indication of faults related to the transmission path to the CIE 8.4 Indication of faults related to voice alarm zones 10 Voice alarm manual control 12 Emergency microphone(s) 13.14 Redundant power amplifier</p> <p>Note: The certificate is conditional upon the PROMATRIX 8000 VOICE ALARM SYSTEM being supplied with power from power supplies that meet the power specifications detailed in the owner manuals of the certified modules, and which complies with the requirements of EN54-4.</p> | | |

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