

Certificate of Product Approval

Certificate Number: 1054c-(cl-1)

Issue: 01

Bosch Security Systems BV

Torenallee 49
5617 BA Eindhoven
The Netherlands



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Control and Indicating Equipment

Dynacord / PROMATRIX 6000 VACIE
(refer to Appendix for details)

Standards

ISO7240-16:2007

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

Signed for BRE Global Ltd

E Mattie-Suleiman
Verifier

28 July 2017
Date of Issue

28 July 2017
Date of First Issue



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Appendix to Certificate No: 1054c-(cl-1)

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Bosch Security Systems BV

Certified Product	Description	LPCB Ref.No.
Dynacord / PROMATRIX 6000 VACIE	<p>Voice Alarm Control and Indicating Equipment</p> <p>Incorporating the following modules:</p> <p>PMX-4CR12 PROMATRIX 6000 Controller</p> <p>PMX-4R24 PROMATRIX 6000 Router</p> <p>PMX-2P500 PROMATRIX 6000 2x500 Watt Amp.</p> <p>PMX-15CST PROMATRIX 6000 Call Station</p> <p>PMX-20CSE PROMATRIX 6000 Call Station Extension.</p> <p>NRS90231 Key Lock Switch</p> <p>EB DPC Emergency button DPC 8000 Series</p> <p>PLN-24CH12 Power Supply Module</p> <p>Certified with the following options with requirements from ISO7420-16:</p> <p>7.2 Alert signal</p> <p>7.5 Audible warning</p> <p>7.8.2 Silencing of the voice-alarm condition with a manual control</p> <p>7.9.2 Reset of the voice-alarm condition with a manual control</p> <p>7.11 Voice-alarm condition output signal</p> <p>8.2.6.1 Faults related to the transmission path to the emergency detection system</p> <p>8.2.6.2 Faults related to emergency loudspeaker zones</p> <p>11 Manual mode control</p> <p>11.3 Indication of the emergency loudspeaker zones in the fault-warning condition</p> <p>13 Emergency microphone</p> <p>13.2 Microphone priority</p>	1054c/01

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Certified Product	Description	LPCB Ref.No.
	13.3 Microphone emergency loudspeaker zone control 14.14 Redundant power amplifiers Notes: 1. The VACIE is approved when connected to PLN-1EOL or EOL 8001 or with activated impedance measurement. 2. The VACIE speaker lines are monitored by use of end line modules namely PLN-1EOL End Of Line Board, EOL 8001 PROMATRIX EOL Module or by impedance measurement. 3. The PVA-15CST call station requires the NRS90231 and EB DPC in order to meet option with requirement clause 10 and 12 of EN 54-16. 4. The PMX-20CSE is approved when connected with PMX-15CST call station 5. The following IP30 cabinets have been approved for use with PROMATRIX 6000:- - Rittal TS8 based rack, with a lockable glass door, side panels, temperature controlled top fans and having a fixed frame with a maximum height of 42 HU (i.e. TS-IT series) or a lockable swing frame with a maximum height of 40 HU (i.e. TS-series). - Schroff (20130073 PRAESIDEO) 6. This certificate is valid only when the installation has been performed in accordance with the "ISO7420-16 Installer checklist". 7. Amplifier and Call Station are manufactured in Bosch China. 8. PLN-24CH12 is manufactured in SLAT, France.	

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