Certificate of Conformity with European standards for Components and Systems

Number of Certificate	Valid from dd-mm-yyyy	Valid until dd-mm-yyyy
EN-ST-000157	**14-05-2014**	**13-05-2018**

Subject matter of Certificate:

BUS-Module
RADION receiver OP / RFRC-OPT

Owner of Certificate:

Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen

Basis for certification:

EN 50131-3:2009
EN 50131-5-3:2005+A1:2008

Use, the product disposes of the following parameters:

Intrusion and hold-up systems, Grade 2

The tests were carried out at VdS Schadenverhütung GmbH and the results are documented in ***test report:***

131097-AU01+STE01-PB01 dated 12-05-2014

To guarantee the permanent quality of products a regular surveillance of the manufacturing process is performed.

This certificate comprises **4** *pages and shall only be reproduced without any modifications and including all enclosures.*

VdS Schadenverhütung GmbH
Zertifizierungsstelle
Amsterdamer Str. 174
D-50735 Köln

a company of the Gesamtverband der Deutschen Versicherungswirtschaft e.V. (GDV)

VdS Laboratories are accredited by DAkkS according to DIN EN ISO/IEC 17025 as a test laboratory. The accreditation is valid for the test methods listed in the accreditation document

DAkkS Deutsche Akkreditierungsstelle D-ZE-11149-01-01

Date: **14-05-2014**

Managing director *Head of certification body*

Enclosure 1 **Sheet 1**

To Certificate No.: EN-ST-000157 Date : 14-05-2014

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
RADION receiver OP consisting of: - Receiver Modul - Mounting plate	RFRC-OPT		

Enclosure 2 **Sheet 1**

To Certificate No.: EN-ST-000157 Date : 14-05-2014

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Manuals:			
- Reference Guide	RADION receiver OP / RFRC-OPT F.01U.261.835 01	02/2014	54
- Installation Guide	RADION receiver OP / RFRC-OPT F.01U.261.830 02	01/2014	2
- Installation Guide	AMAX 2100 / 3000 / 4000 ICP-AMAXP4-P1 / ICP-AMAX4-P2-EN / ICP-AMAX-P3-EN F.01U.267.112 / 01	10/2013	156
- Regulatory Requirements Addendum	RADION receiver OP / RFRC-OPT F.01U.298.285 01	01/2014	2
- Device Description	RADION receiver OP 4296414987 en V1	23.01.2014	3
Technical Documents:			
- Firmware-Datasheet	PGMD IC- RFCR-OPT(BUS MICRO)-V1.2 DRW F01U268426 04	07.08.213	1
- Firmware-Datasheet	PGMD IC- RFCR-OPT_B810(MICRO)-V0.5 DRW F01U268427 03	10.10.2012	1
- RADION receiver OP Box Artwork	DRW F01U287071 01	09.05.2013	1
- Box Label RFCR-OPT	TSS – F01U253605	28.01.2014	1
- Product Label RFCR-OPT	TSS – F01U253605	28.01.2014	1
- Bubble Level 6x14	F01U003490 05	11.08.2011	1
- Bus Connector	B062-0304-0001 DWG No. SP-02-B0620001	08.12.2009	1
- Rotary Switch Cover Single	DRW F01U214677 06	28.10.2011	1
- Rotary Switch shaft - printed	000 – F01U002306 01	30.08.2004	1
- Rotary Switch shaft magic.sens LSNi	DRW – F01U000499 06	28.01.2009	1
- Receiver Locking Cam	DRW F01U260756 04	19.03.2013	1
- Receiver Light Pipe	DRW F01U260753 03	21.09.2012	1

Enclosure 2 **Sheet 2**

To Certificate No.: EN-ST-000157 Date : 14-05-2014

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- Receiver Base ASM	DRW F01U260746 05	19.03.2013	1
- ISC-BDL2 Locking Wire Form	DRW F01U135107 04	21.21.2009	1
- Receiver Enclosure PCB Cover	DRW F01U260755 06	25.04.2013	1
- Receiver Enclosure Base	DRW F01U260747 05	19.03.2013	1
- Receiver PCB Cover ASM	DRW F01U260754 07	25.04.2013	1
- Receiver ENC Cover	DRW F01U260751 05	19.03.2013	1
- Receiver Cover ASM	DRW F01U260749 05	19.03.2013	1
- BOM RFCR-OPT	RADION RFCR-OPT BOM F.01U.253.605	16.04.2014	5
- PCB Layout / Placement Diagram RFCR-OPT	F01U286068 04	18.09.2013	11
- Schematic RFCR-OPT	STR-F01U286067 05	04.02.2014	2
Datasheets:			
- Switch	OMRON Snap Action Switch D2F	11/2009	8

Enclosure 3 **Sheet 1**

To Certificate No.: EN-ST-000157 Date : 14-05-2014

Instructions for the application of the approval component/system (see enclosure 1):

1. The device is suitable for use in intruder alarm systems according to EN 50131-1.
2. The device complies with Environmental Class II of EN 50130-5.