



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-000245	29-06-2018	25-04-2021

Subject matter of Certificate:

**Alarm transmission equipment
B450/B450-M/B442/B443**

Owner of Certificate:

**Bosch Security Systems
130 Perinton Parkway
US-14450 FAIRPORT, NEW YORK**

Basis for certification:

**EN 50136-2:2013
EN 50131-10:2014**

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:**

150048-AU01+STE01-PB01 dated 17-04-2017

VdS Schadenverhütung GmbH
Certification Body
Amsterdamer Str. 174
D-50735 Köln

A company of the German
Insurance Association (GDV)
accredited by DAkkS as certifica-
tion body for fire protection and
security products

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.



Date: 29-06-2018

Managing director

Head of certification body

To Certificate No.: EN-ST-000245

Date : 29-06-2018

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)
<p>Alarm transmission equipment for use in I-CIE AMAX Panel 2000 EN, AMAX Panel 4000 EN and AMAX Panel 2100/3000 consisting of:</p> <p>Main pcb with software version V3.04.003 and plastic housing</p> <p>or</p> <p>Main pcb with software version V3.05.003 and plastic housing</p> <p>and</p> <p>RF-module (GSM/GPRS)</p> <p>or</p> <p>RF-module (GPRS/EDGE/UMTS/HSPA+)</p>	<p>B450</p> <p>B450-M</p> <p>B442</p> <p>B443</p>		

**Enclosure 2**

Sheet 1

To Certificate No.: EN-ST-000245

Date : 29-06-2018

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
B450 and B450-M: Installation and Operation Guide	F.01U.300.740 08e	06/2018	49
Cellular Service User Guide	F01U273558-03	04/2017	24
Quick Start Guide	F.01U.300.696 11a	03/2017	2
Technical Drawing	F01U282976 05 B450 Enclosure Cover	03.06.2013	2
Technical Drawing	F01U282975 04 B450 Enclosure Base	03.06.2013	1
Technical Drawing	F01U282977 05 B450 Light Pipe	03.06.2013	1
Notification of changes / R&D report for Software-version V3.05.003	AMAX_AUS_APP Software Changes Summary, 1.0	26.06.2018	2
BOM	061614JCW	04/2017	11
Circuit diagram / BOM	B450 Communication Module Base STR-F01U282982 05	04.12.2013	4
PCB-Layout	B450 Communication Module Base F01U282981 03	17.07.2013	12
PCB-Layout	B450 Module Adapter F01U283019 01	31.01.2013	9
B442: Installation Manual	F01U.299.717 04	03/2014	2
Datasheet	Telit GSM/GPRS GE910 Family	12/2012	2
Technical Drawing	PCB Handle F01U254243 08	30.08.2012	1
Datasheet	Antenne MB-07F-2MSMAM	04/2017	22
Datasheet	Antenne AM017WSG12022	04/2017	3
BOM	052114JCW	04/2017	4
Circuit diagram	B440 CDMA Plug-On Cellular Module STR-F01U265088 05	23-01-2013	1

To Certificate No.: EN-ST-000245

Date : 29-06-2018

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
PCB-Layout	B440 Plug-On Cellular F01U265086 04	23.01.2013	13
B443 Installation Manual	F01U.299.718 04	03/2014	2
Datasheet	Telit UMTS/HSPA+ 5.76/21.0 HE910 Family	10/2012	2
Technical Drawing	PCB Handle F01U254243 08	30.08.2012	1
Datasheet	Antenne MB-07F-2MSMAM	04/2017	22
Datasheet	Antenne AM017WSG12022	04/2017	4
BOM	052114JCW	04/2017	4
Circuit diagram	B440 CDMA Plug-On Cellular Module STR-F01U265088 05	23-01-2013	1
PCB-Layout	B440 Plug-On Cellular F01U265086 04	23.01.2013	13



Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000245

Date : 29-06-2018

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

As to approval ST000245:

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.
3. The alarm transmission equipment meets the requirements of SP4.
4. The device must be mounted inside the central unit housing.