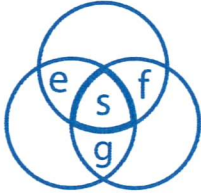




Member of



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-000219	09-11-2020	17-03-2024

Subject matter of Certificate:

**Intruder control and indicating equipment grade 3
ATS4500A-IP-MM / ATS4500A-IP-LM**

Owner of Certificate:

**Carrier Fire & Security B.V.
Kelvinstraat, 7
NL-6003 DH WEERT
NIEDERLANDE**

Basis for certification:

**EN 50131-3:2009
EN 50131-6:2017
EN 50136-2:2013
SES-EMA-RL-T2:2018-06**

Use, the product disposes of the following parameters:

Intrusion and hold-up systems, Grade 3

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

**200768-AU01+STE02-PB01 dated 09.11.2020
171863-AU02+STE01-PB01 dated 28.01.2019
151088-AU05+STE01-PB01 dated 31.03.2016
140058-AU01+STE07-PB01 dated 26.01.2015
140058-AU01+STE02-PB01 dated 07.10.2014**

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

This certificate comprises **9** pages and shall only be reproduced without any modifications and including all enclosures.

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



Date: 09-11-2020

Managing director

Head of certification body



Enclosure 1

To Certificate No.: EN-ST-000219

Date : 29-01-2020

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)
Intruder control and indicating equipment (I-CIE) with integrated power supply and transmission equipment with software version MR_4.x consisting of: - Metal enclosure - Transformer - Lead accumulator - Back tamper - Eight-Zone Expansion Module - Four-Relay Expander - 16-Output Expander - Keypad - Fuse Board - GSM Module Options: - Alarm Transmission Path	ATS4500A-IP-MM / ATS4500A-IP-LM ATS608 ATS624 ATS626 ATS1135 ATS1840 ATS7310 / ATS7320 UltraSync		



Enclosure 2

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS4500A-IP-MM / ATS4500-IP-LM			
- Installation and Programming Manual	P/N 466-2579 (DE) • REV E • ISS	24.01.2019	454
- Advisor Advanced ATsx500A Installation Sheet	P/N 466-5570 (EN) • REV A • ISS	27.10.2020	16
- UltraSync – Reference Manual	P/N 466-2918-DE • REV B • ISS	30.05.2018	10
- Label ATS4500A-IP-MM	MISC, LABEL, ATS4500A-IP-MM, MADE IN MEXICO CE WEEE - 422-5387 Rev. J	29.10.2020	1
- Label ATS4500A-IP-LM	MISC, LABEL, ATS4500A-IP-LM, MADE IN MEXICO CE WEEE - 422-5383 Rev. H	29.10.2020	1
- Bill of Material	ATS4500A-IP-MM VdS BOM - Rev. Z	22.10.2020	16
- Bill of Material	ATS4500A-IP-LM VdS BOM – Rev. Z	22.10.2020	16
- Bill of Material	ATS4500A-IP-MM	19.04.2017	16
- Bill of Material	ATS4500A-IP-LM	19.04.2017	16
- ATS3100A(-IP) Grade 3 PCB Schematic	55 – 1000 – Rev. E02	28.09.2020	10
- ATS3100A(-IP) Series Assy Top	57-1000 – Rev. E02	28.09.2020	1
- Circuit diagram	ATS4500A-IP – 52–1000-09 Rev. B	04.03.2015	10
- PCB-Layout	Pcb-55-1000-E01	11.03.2016	4
- Layout diagram	ATS3100A(-IP) Series Assy Top – 57-1000 Rev E01	05.03.2015	1
- ATS 1640 BATTERY BULKHEAD	444-4026 – Rev. A	03.06.2020	1
- HOUSING ASSY, MEDIUM METAL PLUS ATS1640 LVD	444-4034 – Rev. A	28.08.2020	1
- HOUSING, ATS1640 LVD BASE, MEDIUM METAL PLUS	444-4035	12.08.2020	1
- HOUSING, ATS1640 LVD COVER, MEDIUM METAL PLUS	444-4036	12.08.2020	1
- ATS 1642 LM - BATTERY BULKHEAD	444-4027 – Rev. A	04.06.2020	1
- HOUSING ASY, LARGE METAL ATS1642 LVD	444-4037 – Rev. A	28.08.2020	1



Enclosure 2

Sheet 2

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- HOUSING, ATS1642 LVD BASE, LARGE METAL	444-4038 – Rev. A	28.08.2020	1
- HOUSING, ATS1642 LVD COVER; LARGE METAL	444-4039 – REV. A	28:08:2020	1
- Technical drawing housing LM	MTLP, HSG, MOUNT, STEEL, ATS1642 – 444-3900 Rev. A	01.05.2015	2
- Technical drawing housing MM	MTLP, HSG, MOUNT, STEEL, ATS1640 – 444-3901 Rev. C	13.11.2015	2
Data sheets			
- ST life.augmented STM32F439xx	Dock ID 023211 Rev. 2	05/2013	102
- MG ELECTRONICS MG-A8827-PT1-A	1060807 - Rev. A	20.09.2018	13
- MG ELECTRONICS MG-A8827-PT1-B	22-183 - Rev. D	24.08.2020	14
ATS670			
- Installation Sheet	PN 466-2575 (ML) • Rev A • ISS	24.09.2015	12
- Circuit diagram	ATS670 - AutoD RS485-LAN Ext. Module - 52-1026-02 Rev B01	04.03.2015	2
- PCB-Layout	PCB_52-1026-B01	11.03.2016	3
- Bill of Material	BOM_ATS670_20151130	30.11.2015	3
- Layout diagram	ATS670 - Second RS485 LAN extension module for ATSX500A 57-1026 Rev B01	05.03.2015	1
ATS608			
- Installation sheet	P/N 1070562 • (ML) • REV B • ISS	23.04.2013	12
- Label ATS608	MISC, LBL, EN50131, CLASS II, GRADE 3,, ROHS – 422-4985	17.02.2012	1
- Bill of Material (BOM)	BOM_ATS608_20140813	13.08.2014	4
- Circuit diagram	ATS608 PCB – 1062154 Rev 3A	26.08.2008	2
- PCB-Layout	ATS608_PCB - 1062154	07.04.2014	2
- Top Assembly	ATS608 8 Way Input Expander Top Assembly Drawing – 1062154 Rev 3 A	06.08.2008	1



Enclosure 2

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS624			
- Installation sheet	P/N 466-2506 • (ML) • REV B • ISS	12.08.2014	10
- Template carton label	TEMPLATE, CARTON LABEL, 2 X 2 INCH GLOBAL, STANDARD (EASY LABEL .FMT FILE) – 99-004 Rev F	01/2014	1
- Label ATS624	MISC, LBL, EN50131, CLASS II, GRADE 3,, ROHS – 422-4985	17.02.2012	1
- Label template	MISC, LBL, MADE IN MEXICO, CE, WEEE, GS81x-series, ROHS - 422-5199	24.06.2013	1
- Label Carton ATS624	Label, Carton, ATS624 – 422-5244	23.08.2013	1
- Bill of Material (BOM)	BOM_ATS624_20140813	13.08.2014	5
- Circuit diagram	ATS624 (4 Relay Output Expander) – 52-1002-01 Rev C01	31.10.2014	2
- PCB-Layout	ATS624_PCB – 55-1002-C	03.02.2014	2
- Top Assembly	ATS624 (4 Relay Output Expander) Top Assembly Drawing – 57-1002 Rev C02	28.02.2014	1
ATS626			
- Installation sheet	P/N 1070563 • (ML) • REV C • ISS	18.04.2014	14
- Label ATS626	MISC, LBL, EN50131, CLASS II, GRADE 3,, ROHS – 422-4985	17.02.2012	1
- Bill of Material (BOM)	BOM_ATS626_20130813	13.08.2014	5
- Circuit diagram	ATS626 PCB – 1062152 Rev 3A	05.08.2008	2
- PCB-Layout	ATS626_PCB – 1062152	07.04.2014	2
- Top Assembly	ATS626 8-16 Way Output Expander Top Assembly Drawing – 1062154 Rev 3 A	06.08.2008	1



Enclosure 2

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
ATS1135			
- Installation sheet	P/N 1071696 • (ML) • REV C • ISS	08.05.2012	5
- Label ATS1135	MISC, LBL, EN50131, CLASS II, GRADE 3,, ROHS – 422-4985	17.02.2012	1
- Bill of Material (BOM)	BOM_ATS1135_20140813	13.08.2014	7
- Circuit diagram	Schematic – T22Z57-ATS315-100	11.06.2011	5
- PCB-Layout	ATS1135_PCB	08.02.2012	2
- Top Assembly	Assembly – Top ATS315 PCB - T22Z57-ATS315-100	06.06.2011	2
- Assembly drawing	ATS1135 – SERIES ASSEMBLY DRAWINGS – ATS1135-10	23.12.2013	4
- Label template	Label, Unit – All Products - 967438243Rev 7	27.06.2013	1
ATS1840			
- Installation sheet	P/N 1077862 • (ML) • REV A • ISS	17.08.2012	5
- Bill of Material	BOM_ATS1840	15.08.2014	4
- Circuit diagram	ATS1840 FUSEBOARD NFA2P – 1043395	25.10.2002	1
- PCB-Layout	ATS1840 FUSE BOARD PCB DRILL – 1043395	29.05.2003	11
- Top Assembly	ATS1840 FUSE BOARD ASSY TOP – 1043395	29.05.2003	1
ATS7310			
- Installation sheet	P/N 146376999-5 • (ML) • REV F Draft 01 • ISS	13.08.2014	40
- Label ATS7310	Manufacturing Product Engineer 146477999-1C	20.04.2012	1
ATS7320			
- Installation sheet	P/N 466-2906-EN • REV A • ISS	29.05.2017	6
- Circuit diagram	52 – 1051 – 01 - Rev. A	22.06.2016	7
- PCB-Layout	55-1051-PCB – Rev. A	22.06.2016	26



Enclosure 2

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- PCB-A01_Panel	55-1051-PCB-A01_Panel	28.01.2019	2
- Bill of Material	ATS7320	28.01.2019	2
- Bill of Material (BOM)	BOM_ATS7310_20140813	13.08.2014	9
- Circuit diagram	ATS7310 – 2006755 Rev 1C	07.12.2009	7
- PCB-Layout	ATS7310_PCB	13.08.2014	4
- Top Assembly	ATS73xx Top Assembly Drawing – 2006755 Rev 1 D	02.07.2009	2
ATS7700			
- Installation sheet	P/N 466-2507 (ML) • REV A • ISS	18.04.2014	10
- Label Carton ATS7700	LABEL, CARTON, ATS7700 – 422-5242 Rev A	21.08.2013	1
- Template carton label	TEMPLATE, CARTON LABEL, 2 X 2 INCH GLOBAL, STANDARD (EASY LABEL .FMT FILE) – 99-004 Rev F	10.02.2009	1
- Label template	MISC, LBL, MADE IN MEXICO, CE, WEEE, GS81x-series, ROHS – 422-5199 Rev A	24.06.2013	1
- Bill of Material (BOM)	BOM_ATS7700_20140813	13.08.2014	6
- Circuit diagram	ATS7700 PSTN Expander – 52-1001-01 Rev C01	31.10.2013	2
- PCB-Layout	ATS7310_PCB – 55-1001-D	03.02.2014	2
- Top Assembly	ATS7700 PSTN Expander Assy Top – 57-1001 Rev D01	28.01.2014	1
Back tamper			
- ATS-MM-TK Pry-off Tamper Kit Installation Sheet	P/N 466-2477 (EN) • Rev A • ISS	05.11.2012	1
- Bill of Material ATS-MM-TK	ATS ADVANCED TAMPER KIT (SBSC) for MEDIUM METAL HOUSING	05.10.2015	1
- Data sheet back tamper	Cherry Panel Mount Pushbutton- E Series	11.03.2016	3



Enclosure 2

Sheet 6

To Certificate No.: EN-ST-000219

Date : 29-01-2020

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Other - ATS1500A / ATS3500A / ATS4500A Question	RE ATS3500A Questions added ATS4500A to table 16_03_2016	16.03.2016	1



Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000219

Date : 09-11-2020

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

1. The device complies with Environmental Class II and EN 50131-1:2006 + A1:2009 + A2:2017
2. Transmission line class specification:
 - Alarm Transmission Class PSTN (via ATS7700): EN50136-1:2012 + A1:2018, SP2
 - Alarm Transmission Class GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, SP3
 - Alarm Transmission Class GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, SP4
 - Alarm Transmission Class IP: EN50136-1:2012 + A1:2018, SP4
 - Alarm Transmission Class IP + GPRS (via ATS7310/ATS7320): EN50136-1:2012 + A1:2018, DP3
3. Alarm Transmission System performance were tested and certified for reporting over IP (LAN) / GPRS to the UltraSync