



Certificate of
constancy of performance
0560-CPR-11219001
Issue: 01



Issued	23-10-2020	Replaces	11219001/AA/00
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In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

Product description:	Voice Alarm Control and Indication Equipment (VACIE)
Trademark:	THUM
Type designation:	VIGILIS CU/AU/RU/PU
Hardware / Software:	CU(V3.01)/AU(V3.01)/RU(V1.01)/PU(V2.00) / CU(V1.3.48)/AU(V1.3.44)/RU(V1.3.44)/PU(V1.3.44)
Conditions and essential characteristics:	See Annex 1
Variants:	See Annex 1

placed on the market under the name or trademark of:

Name of the manufacturer:	Thum EAD GmbH
Address:	In der Steele 20
City:	40599 DUSSELDORF
Country:	Germany

and produced in the manufacturing plant(s):

Manufacturing plant:	Thum EAD GmbH
Address:	In der Steele 20
City:	40599 DUSSELDORF
Country:	Germany

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-16:2008
EN 54-4:1997/A1:2002/A2:2006

under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the **constancy of performance of the construction product**

This certificate was first issued on 16-03-2015 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Ron Scheepers
Managing director

CERTIFICATE

Telefication B.V.
Kiwa FSS Products
Wilmersdorf 50
Postbus 137
7300 AC Apeldoorn
The Netherlands

<https://www.kiwa.com/nl/en/specials/fire-safety-and-security>

Notified Body No. 0560



Remarks and observations

The following conditions are applicable:

Voice Alarm Control and Indication Equipment (VACIE) Vigilis consists of:

19" Standschrank-CLG (maximal 41HE)

Power-Unit (artikel no:417060) with Hardware Version 2.00

AMP-Unit (artikel no:417020) with Hardware Version 3.01

Relais-Unit (artikel no: 417030) with Hardware Version 1.01

Control-Unit (artikel no:417010) with Hardware Version 3.01

Essential characteristics of EN 54-16	Clauses	Performance
Performance under fire condition	4, 5, 7, 16.5, 16.6	Pass
	10, 12, 16.7	N/A
Response delay (response time to fire)	7.1	Pass
	7.4, 7.8, 12	N/A
Operation reliability	4, 5, 6, 7, 8, 9, 13, 14	Pass
	11, 12	N/A
Durability of operational reliability: Temperature resistance	16.4, 16.8	Pass
Durability of operational reliability: Impact and vibration resistance	16.11, 16.12, 16.13	Pass
Durability of operational reliability: Electrical stability	16.14, 16.15	Pass
Durability of operational reliability: Humidity resistance	16.9, 16.10	Pass

Implemented optional functions with requirements (per clause of EN 54-16):

- 7.3 Audible warning
- 7.5 Phased evacuation
- 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
- 8.4 Indication of fault related to voice alarm zones
- 9 Disabled condition
- 13.14 Redundant power amplifiers

Essential characteristics of EN 54-4	Clauses	Performance
Performance under fire condition	4, 5, 6	Pass
Operation reliability	4, 5, 6, 7, 8	Pass
Durability of operational reliability: Temperature resistance	9.5	Pass
Durability of operational reliability: Vibration resistance	9.7, 9.8, 9.15	Pass
Durability of operational reliability: Electrical stability	9.9 to 9.13	Pass
Durability of operational reliability: Humidity resistance	9.6, 9.14	Pass

The product as described in this certificate includes the following type designations

- Product description: Voice Alarm Control and Indication Equipment (VACIE)
- Trademark: THUM
- Type designation: VIGILIS CU/AU/RU/PU
- Hardware version: CU(V3.01)/AU(V3.01)/RU(V1.01)/PU(V2.00)
- Software version: CU(V1.3.48)/AU(V1.3.44)/RU(V1.3.44)/PU(V1.3.44)