

## DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) No 305/2011

and amended by Regulation (EU) No 574/2014

Document No. ....0786-CPR-21785.....

1. Unique identification code of the product-type:

**Type 2842 Intrinsically safe barrier unit**

2. Intended Use:

**Fire detection and fire alarm systems installed in and around buildings**

3. Manufacturer:

**Panasonic Corporation Tsu Factory**

**1668, Fujikata, Tsu-shi, Mie-ken, 514-8555, JAPAN**

4. Authorized representative:

**Niels Erdmann**

**Panasonic Testing Centre**

**Panasonic Marketing Europe GmbH**

**Winsbergring 15, 22525 Hamburg, Germany**

5. System(s) of AVCP:

**System 1**

- 6a. Harmonized standard:

**EN54-18:2005**

Notified body:

**VdS Schadenverhütung GmbH      Accreditation No. 0786**

**Certificate of constancy of performance: 0786-CPR-21785**

- 6b. European Assessment Document: **N/A**

European Technical Assessment: **N/A**

Technical Assessment Body: **N/A**

Notified Body: **N/A**

## 7. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
		EN54-18:2005+AC:2007
Response delay (response time)	Pass	5.2
Performance under fire conditions	Pass	5.1.4
Operational reliability	Pass	5.1.4
Durability of operational reliability: temperature resistance	Pass	5.3, 5.4
Durability of operational reliability: vibration resistance	Pass	5.8 to 5.11
Durability of operational reliability: humidity resistance	Pass	5.5, 5.6
Durability of operational reliability: corrosion resistance	Pass	5.7
Durability of operational reliability: electrical stability	Pass	5.2, 5.12

## 8. Appropriate Technical Documentation and/or Specific Technical Documentation: N/A

The performance of the product identified is in conformity with the set of declared performance/s.  
This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011,  
under the sole responsibility of the manufacturer identified above:

### Signed for and on behalf of the manufacturer by:

(Signature): K. Yajima  
(Printed name): Kazunari Yajima  
(Title): Director

### Place and date of issue

Mie, Japan, 17, Sept. 2024

### Authorized Representative in EU:

(Signature): W. Kühl  
(Printed Name): Wolfram Kühl  
(Date): Hamburg, 27.09.2024

### Panasonic Testing Centre

Panasonic Marketing Europe GmbH  
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