

DECLARATION OF PERFORMANCE

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

and amended by Regulation (EU) No 574/2014

Document No. 2831-CPR-F2577

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:

BRE Global Assurance (Ireland) Limited Accreditation No. 2831

Certificate of constancy of performance: 2831-CPR-F2577

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

European Technical Assessment: **N/A**

Technical Assessment Body: **N/A**

Notified Body: **N/A**

Panasonic

7. Declared performance:


Essential characteristics	Performance	Harmonized technical specification
		EN54-18:2005
Response delay (response time)	Passed	5.2 ¹⁾
Performance under fire conditions	Passed	5.1.4
Operational reliability	Passed	5.1.4
Durability of operational reliability: temperature resistance	Passed	5.3, 5.4
Durability of operational reliability: vibration resistance	Passed	5.8 to 5.11
Durability of operational reliability: humidity resistance	Passed	5.5, 5.6
Durability of operational reliability: corrosion resistance	Passed	5.7
Durability of operational reliability: electrical stability	Passed	5.2, 5.12

¹⁾ Response delays may not be a function of the input/output device, in which case no assessment is made as part of this standard.

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): 
(Printed name): Hisashi Taniguchi
(Title): Director

Place and date of issue
Japan, July 27, 2021

Authorized Representative in EU:

(Signature): 
(Printed Name): Niels Erdmann
(Date): 04 Aug 2021

Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany