



EC CERTIFICATE

CERTIFICATE OF CONSTANCY OF PERFORMANCE CERTIFICATE No. 2821-CPR-0116

In compliance with the Regulation (EU) No 305/2011 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 and placed on the market under the name or trademark of

Manufacturer: Cofem SA

Address: Carrer del Compositor Wagner,
8-10, P.I. Can Jordi,
Rubí, Barcelona, 08191
Spain

Product: A50SHCOI* Smoke/heat detector with isolator and CO sensor
A50SHI Smoke and heat detector with isolator
A50SH Smoke and heat detector
A50SI Smoke detector with isolator
A50S Smoke detector
A50HI Heat detector with isolator
A50H Heat detector
800035 Compatible (low) Base for all detectors
800036 Compatible (high) Base for all detectors
* Product is not tested for CO functionality

Places of production: Cofem SA
Carrer del Compositor Wagner,
8-10, P.I. Can Jordi,
Rubí, Barcelona, 08191
Spain

Harmonised Standard: EN54-5:2017 + A1:2018
EN54-7:2018
EN54-17:2005 + AC:2007

Product area code: 10 - Fixed fire fighting equipment

Revision: 1
Date of revision: 28 January 2022
Issued by UL International (NL) B.V. Notified Body 2821.

Signed: 
Name: Horst Thelen
Head of Notified Body



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This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the above referenced standard(s) under system 1 (or 1+) for the performance 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 28 January 2022 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

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Schedule for certificate No. 2821-CPR-0116

Detailed information sheet

Product Reference:	A50SHCOI*	Smoke/heat detector with isolator and CO sensor
	A50SHI	Smoke and heat detector with isolator
	A50SH	Smoke and heat detector
	A50SI	Smoke detector with isolator
	A50S	Smoke detector
	A50HI	Heat detector with isolator
	A50H	Heat detector
	800035	Compatible (low) Base for all detectors
	800036	Compatible (high) Base for all detectors
	* Product is not tested for CO functionality	
Type:	Temperature category (where applicable) - A2R	
Description:	A50SHCOI	Addressable, optical smoke, (A2R) heat, and CO detector with isolator
	A50SHI	Addressable, optical smoke and (A2R) heat detector with isolator
	A50SH	Addressable, optical smoke and (A2R) heat detector
	A50SI	Addressable, optical smoke detector with isolator
	A50S	Addressable, optical smoke detector
	A50HI	Addressable, (A2R) heat detector with isolator
	A50H	Addressable, (A2R) heat detector
	800035	Compatible (low) Base for all detectors
	800036	Compatible (high) Base for all detectors
Key Performance parameters:	Operating Voltage Nominal:	24VDC
	Operating Voltage Maximum:	35VDC
	Operating Voltage Minimum:	20VDC
	Temperature category (where applicable):	A2R
	Heat Sensitivity Certified Setting*:	Medium
	Smoke Sensitivity Certified Setting*:	Medium
	Detector Base:	Models 800035 and 800036
	* Other sensitivity settings are not tested	

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Isolator ratings:

$V_{SO \max} = 2.5V$

$V_{SO \min} = 0V$

$V_{SC \max} = 8V$

$V_{SC \min} = 1.2V$

$I_{C \max} = 400mA$

$I_{S \max} = 400mA$

$I_{L \max} = 17mA$

$Z_{C \max} = 6\Omega$

Identification and intended use

- Fire Detection & Fire Alarm Systems - Heat Detectors - Point Heat Detectors
- Fire Detection & Fire Alarm Systems - Smoke Detectors - Point Detectors using Scattered Light, Transmitted Light or Ionization
- Fire Detection & Fire Alarm Systems - Short-circuit Isolators intended for use in fire detection and fire alarm systems installed in and around buildings

CE marking method

Label

UL Project:

4789281613

Technical documentation:

UL Report:

S36365-D01-EuropeanDirective-Original

Limitations on the acceptance or use of the product(s):

Installation instructions

To be used in accordance with the supplier's installation instructions, and technical datasheet.

Limitations

See Technical Data Sheet

Terms and Conditions:

1. This certificate remains the property of UL International (NL) B.V, herein "UL NL", and will be withdrawn if any conditions attached to its issue are not complied with.
2. This certificate is issued subject to the Global Services Agreement (GSA) and CPR Service Terms.
3. Production is limited to the site(s) as listed, or detailed within the Technical documentation held by UL NL.
4. Any product change, production/process changes, etc. which may affect conformity shall be notified to UL NL.
5. This certificate is only valid for placing goods on the EU market.
6. The requirements for the economic operators stipulated in CHAPTER II, Article 4 of the Regulation (EU) 2019/1020 of the European Parliament and of the Council of 20 June 2019.

END OF CERTIFICATE

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Horst Thelen
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