

Constancy of Performance Certificate

LGAI Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

APPLICANT

Placed on the market under the name of

Easy Detect, S.L.

Paseo Ferrocarriles Catalanes, 143
08940 Cornellà De Llobregat (Barcelona) Spain

Manufactured in production plant

Paseo Ferrocarriles Catalanes, 143
08940 Cornellà De Llobregat (Barcelona) Spain

PRODUCT

Fire detection and fire alarm systems

- Heat detectors. Point heat detectors
- Short-circuit isolators

Models: DTE-110-AI / DTE-110-AIB **Brand:** Easydetect

APPLICABLE REGULATION

Construction Product Regulation (CPR)

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards:

EN 54-5:2017+A1:2018; EN 54-17:2005, EN 54-17:2005/AC:2007

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

No. 0370-CPR-7193

Date issued: 20/06/2025

First issue date: 02/08/2024

Follow-up date: before 31/07/2026

The validity of this certificate remains valid as long as the harmonised standard, the construction product, the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.

This document is not valid without its technical annex; whose number coincides with that of the certificate.



Xavier Ruiz Peña
Managing Director
Conformity Assessment

Applus⁺
certification

LGAI Technological Center S.A. (APPLUS)

Notified Body No. 0370

Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)



Check the status
of this certificate

Certificate

Technical Annex

Annex according to EN 54-5:2017+A1:2018

Fire detection and fire alarm systems. Part 5: heat detectors. Point heat detectors

| Essential characteristics | Clauses in this European standard | Mandated level(s) or class(es) |
|---|-----------------------------------|--------------------------------|
| Heat response categories | 4.1.1. | Pass |
| Position of heat sensitive elements | 4.2.1 | Pass |
| Individual alarm indication | 4.2.2. | Pass |
| Connection of ancillary devices | 4.2.3. | NA |
| Monitoring of detachable detectors | 4.2.4. | Pass |
| Manufacturer's adjustments | 4.2.5. | Pass |
| On-site adjustment of response behaviour | 4.2.6. | Pass |
| Software controlled detector (when provided) | 4.2.7. | Pass |
| Directional dependence | 4.3.1. | Pass |
| Static response temperature | 4.3.2. | Pass |
| Response times from typical application temperature | 4.3.3. | Pass |
| Response times from 25 °C | 4.3.4. | Pass |
| Response times from high ambient temperature | 4.3.5. | Pass |
| Reproducibility | 4.3.6. | Pass |
| Additional tests for suffix S detectors | 4.4.1. | NA |
| Additional tests for suffix R detectors | 4.4.2. | NA |
| Variation in supply parameters | 4.5.1. | Pass |
| Cold (operational) | 4.6.1.1. | Pass |
| Dry heat (endurance) | 4.6.1.2. | NA |
| Damp heat, cyclic (operational) | 4.6.2.1. | Pass |
| Damp heat, steady state (endurance) | 4.6.2.2. | Pass |
| Sulphur dioxide (SO ₂) corrosion (endurance) | 4.6.3. | Pass |
| Shock (operational) | 4.6.4.1. | Pass |
| Impact (operational) | 4.6.4.2. | Pass |
| Vibration, sinusoidal (operational) | 4.6.4.3. | Pass |
| Vibration, sinusoidal (endurance) | 4.6.4.4. | Pass |
| Electromagnetic compatibility (EMC), immunity tests (operational) | 4.6.5. | Pass |

PASS; NPD = No Performance Determined, NA = Not Apply

Annex according to EN 54-17:2005, EN 54-17:2005/AC:2007

Fire detection and fire alarm system. Part 17: short-circuit isolators

| Essential characteristics | Clauses in this European standard | Mandated level(s) or class(es) |
|---|-----------------------------------|--------------------------------|
| Compliance | 4.1 | Pass |
| Integral status indication | 4.2 | NA |
| Connection of ancillary devices | 4.3 | Pass |
| Monitoring of detachable short-circuit isolators | 4.4 | Pass |
| Manufacturer's adjustments | 4.5 | Pass |
| On-site adjustments | 4.6 | NA |
| Marking | 4.7 | Pass |
| Data | 4.8 | Pass |
| Additional requirements for software controlled short-circuit isolators | 4.9 | Pass |
| Reproducibility | 5.2 | Pass |
| Variation in supply voltage | 5.3 | Pass |
| Dry heat (operational) | 5.4 | Pass |
| Cold (operational) | 5.5 | Pass |
| Damp heat, cyclic (operational) | 5.6 | Pass |
| Damp heat, steady state (endurance) | 5.7 | Pass |
| Sulphur dioxide (SO ₂) corrosion (endurance) | 5.8 | Pass |
| Shock (operational) | 5.9 | Pass |
| Impact (operational) | 5.10 | Pass |
| Vibration, sinusoidal (operational) | 5.11 | Pass |
| Vibration, sinusoidal (endurance)) | 5.12 | Pass |
| Electromagnetic Compatibility (EMC), Immunity tests (operational) | 5.13 | Pass |

PASS; NPD = No Performance Determined, NA = Not Apply

| Accessories | |
|------------------|-----------------------|
| ZCE-100 | Connection base |
| ZCE-100-B | Black connection base |
| ZCE-120 | Connection base |
| ZCE-120-B | Black connection base |