

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

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

55000-401 XP95 Analogue Addressable Class CS Heat Detector

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

and produced in the manufacturing plant:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

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

EN 54-5:2000/A1:2002 : **Fire detection and fire alarm systems - Part 5: Heat detectors - Point detectors**

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2019-10-09**

This certificate will remain valid as long as neither the harmonized 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2019-10-09



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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Annex 1

EXTENT

Type:

55000-401 XP95 Analogue Addressable Class CS Heat Detector

Variant:

55000-401LIM (branded as Limotec)

Bases:

45681-209 XP95/Discovery standard deep mounting base
45681-210 XP95 mounting base

Notes:

1. Meets the requirements of EN54: Part 5 at Class CS
2. Certified with Apollo XP95, and S90 digital communications protocols configured for the Heat Detector in accordance with manufacturer's instructions.

Performance

Essential characteristics	Clauses in EN 54-5:2000	Performance
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 5.6, 5.8, 6.1, 6.2 (6.1 only Suffix S det./6.2 only Suffix R det.)	Pass
Operational reliability	4.4 to 4.11	Pass
Tolerance to supply voltage	5.7	Pass
Durability of operational reliability and response delay; temperature resistance	5.9, 5.10	Pass
Durability of operational reliability; vibration resistance	5.14 to 5.17	Pass
Durability of operational reliability; humidity resistance	5.11, 5.12	Pass
Durability of operational reliability; corrosion resistance	5.13	Pass
Durability of operational reliability; electrical stability	5.18	Pass

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
BRE BRE BRE	SW-P112685-1001 Issue: 1 TE 220278 TE-OPP000226 Issue: 1	10 July 2018 22 July 2005 26 April 2019

TECHNICAL BASIS

File Number	Title
55000-401 45681-209 45681-210	Build Standard Build Standard Build Standard

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