

## 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

### **55000-588 XP95 analogue addressable 3 channel input/output unit with isolator for use in fire detection and alarm systems**

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 54-17:2005** : **Fire detection and fire alarm systems - Part 17: Short-circuit isolators**  
**EN 54-18:2005** : **Fire detection and fire alarm systems - Part 18: Input/output devices**

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: **2019-11-15**.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2019-11-15.



Merete Poulsen  
Responsible for evaluation



Allan Laursen  
Responsible for certification decision

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#### **DBI Certification A/S**

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Annex 1

**EXTENT**

**Type:**

55000-588 XP95 analogue addressable 3 channel input/output unit with isolator for use in fire detection and alarm systems

**Performance**

Essential characteristics	Clauses in EN 54-17:2005	Performance
Performance under fire conditions	5.2 1)	Pass
Operational reliability	4	Pass
Durability of operational reliability; temperature resistance	5.4, 5.5	Pass
Durability of operational reliability; vibration resistance	5.9 to 5.12	Pass
Durability of operational reliability; humidity resistance	5.6, 5.7	Pass
Durability of operational reliability; corrosion resistance	5.8	Pass
Durability of operational reliability; electrical stability	5.3, 5.13	Pass
1) This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices		

Essential characteristics	Clauses in EN 54-18:2005	Performance
Response delay (response time)	5.2 1)	Pass
Performance under fire conditions	5.1.4	Pass
Operational reliability	5.1.4	Pass
Durability of operational reliability; temperature resistance	5.3, 5.4	Pass
Durability of operational reliability; vibration resistance	5.8 to 5.11	Pass
Durability of operational reliability; humidity resistance	5.5, 5.6	Pass
Durability of operational reliability; corrosion resistance	5.7	Pass
Durability of operational reliability; electrical stability	5.2, 5.12	Pass
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		

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Annex 2

**TEST DOCUMENTATION**

Accredited Laboratory	Report no.	Date
BRE BRE BRE BRE	208053 TE245059 TE 276980 TE-P101697-1000 Issue: 1	14 June 2002 26 February 2009 19 August 2013 19 August 2019

**TECHNICAL BASIS**

File Number	Title
55000-588	Build Standard

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