

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

55000-720 XP95 20D negative short circuit 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**

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: **2019-10-28**.

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 2019-10-28.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

The certificate shall be reproduced in extenso
– extracts only with written permission from DBI Certification A/S.

Annex 1

EXTENT

Type:

55000-720 XP95 20D negative short circuit isolator for use in fire detection and alarm systems

Bases:

45681-211 mounting base

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		

The certificate shall be reproduced in extenso
– extracts only with written permission from DBI Certification A/S.

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
LPC LPC BRE	TE 93397 TE 201385 TE 245667	10 May 2000 11 December 2000 30 March 2009

TECHNICAL BASIS

File Number	Title
55000-720 45681-211	Build Standard Build Standard

The certificate shall be reproduced in extenso
 – extracts only with written permission from DBI Certification A/S.