Certificate No.: 2531-CPR-CSP11297

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

BN-304 and BN-303

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:

Autronica Fire and Security AS
Bromstadvegen 59
NO-7047 Trondheim
Norway

and produced in the manufacturing plant:

CPA10058

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 54-17:2005/AC:2007	**:**	**Fire detection and fire alarm systems - Part 17: Short-circuit isolators**
EN 54-18:2005/AC:2007	**:**	**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 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 2022-10-19 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2022-10-19**.

Merete Poulsen
Responsible for evaluation

Steen Nilsson
Responsible for certification decision

Prod. Reg. Nr. 7023

DBI Certification A/S
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Annex 1

EXTENT

Type:
BN-304 Input/output device with short-circuit isolator
BN-303 Input/output device with short-circuit isolator

Performance

Essential characteristics	Clauses in EN 54-17:2005/AC:2007	Performance	Notes
Performance under fire conditions	5.2	Pass	1)
Operational reliability	4	Pass	2), 3), 4)
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
2) No integrated visual indicator for indication of the status of the short-circuit isolator. Clause 4.2 are therefore not applicable.
3) The short-circuit isolator has no provisions for connections of ancillary devices. Clause 4.3 are therefore not applicable.
4) The short-circuit isolator is not detachable. Clause 4.4 are therefore not applicable.

Essential characteristics	Clauses in EN 54-18:2005/AC:2007	Performance
Response delay (response time)	5.2	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

Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
CNPP	DE 08 00 74	2008-12-23
CNPP	DE 08 00 74 A	2008-12-23

TECHNICAL BASIS

File Number	Title
BoM BN-304	Bill of Materials Report
BoM BN-303	Bill of Materials Report

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