

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

BPS-405, BPS-410 and BP-405

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 54-4:1997/A1:2002/A2:2006 : Fire detection and fire alarm systems - Part 4: Power supply equipment

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 2022-09-06 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: **2022-09-06**.



Merete Poulsen
Responsible for evaluation



Steen Nilsson
Responsible for certification decision

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Annex 1

EXTENT

Type:

BPS-405 Power Supply Unit, 5A
 BPS-410 Power Supply Unit, 10A
 BP-405 Power Supply Unit, 5A

Performance

Essential characteristics	Clauses in EN 54-4:1997+A1:2002	Performance	Notes
Performance under fire conditions	4, 5, 6	Pass	a)
Operational reliability	4, 5, 6, 7, 8	Pass	a) b) c)
Durability of operational reliability, Temperature resistance	9.5	Pass	
Durability of operational reliability, Vibration resistance	9.7, 9.8, 9.15	Pass	
Durability of operational reliability, Electrical stability	9.9 to 9.13	Pass	
Durability of operational reliability, humidity resistance	9.6, 9.14	Pass	
a) For all models: The PSE is standalone designed to be built into larger systems and not integrated in the CIE. The PSE has no status indicators on its front panel; Clause 4.2.8 is therefore not applicable. b) For model BPS-405 & BPS-410: Clauses 6.2.1 6.2.3 and 6.2.4 were not applicable. c) The BPS units are intended for integration with other fire detection and fire alarm equipment in a common cabinet. The marking requirements (a+b) apply to the outside of the common cabinet in which the BPS-405 / BPS-410 are integrated.			

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
DNV	2009-3710 Revision No. 01	2010-02-19
DNV	2010-3386 Revision No. 01	2011-01-03

TECHNICAL BASIS

File Number	Title
BoM BP-405	Bill of Materials Report
BoM BPS-405	Bill of Materials Report
BoM BPS-410	Bill of Materials Report

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