

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

**1134-CPR-069**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the products Construction Products Regulation or CPR), this certificate applies to the construction product

### **Fire detection control panel with power supply equipment Aritech FP1200 & FP2000 Series**

with the variants and the performances listed in annex of this certificate and for the intended use:  
Fire safety

manufactured by or for

**Carrier Fire & Security BV  
Kelvinstraat 7  
6003 DH Weert  
Nederland**

and produced in the manufacturing plant

**Carrier Manufacturing Poland Spółka Sp. Z o.o.  
ul. Kolejowa 24  
39-100 Ropczyce  
Poland**

This certificate attests that all provisions concerning the assessment and the verification of constancy performance and the performances described in Annex ZA of the standard(s):

**EN 54-2:1997/A1:2006  
EN 54-4:1997/A1:2002/A2:2006**

under system 1 are applied and that

**the products fulfil all prescribed requirements set out above.**

This certificate was first issued on 2015-08-12 and remains valid as a long time as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

**Brussels, 1er juillet 2021**



**Marie Majerus  
Certification Manager**

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**Annex 1 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

**1134-CPR-069**

Variants of the Aritech FP1200 & FP2000 Series

Fire detection control panel with power supply equipment

Aritech FP1216C-xx

Variants: FP1264C-xx

G4S FP1264C-xxS77

Aritech FB2800C-SC

Variants: FB2800C-SCy

FP28255C-xx

FP2864C-xx

FRG20255C-xx

FRG2064C-xx

G4S FB2800C-SCS77

Variants: FB2800C-SCS77y

FP28255C-xxS77

Power supply component

Aritech PS2000N

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**Annex 2 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

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Certified with the following options from the EN 54-2:1997/A1:2006

7.8	Output to fire alarm devices
7.9.1	Output to fire alarm routing equipment
7.10.1	Output type A
7.13	Alarm counter
8.3	Fault signals from points
8.4	Total loss of the power supply
8.9	Output to fault warning routing equipment
9.5	Disabling of addressable points

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**Annex 3 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

**1134-CPR-069**

Harmonised technical specification	EN 54-2:1997/A1:2006	
Essential Characteristics	Performance	Clause
Performance under fire conditions		
- General requirements	pass	4
- General requirements for indications	pass	5
- The fire alarm condition	pass	7
Response delay (response time to fire)		
- Reception and processing of fire signals	pass	7.1
- Output of the fire alarm condition	pass	7.7
- Delay to outputs	pass	7.11
- Dependencies on more than one alarm signal	pass	7.12
Operational reliability		
- General requirements	pass	4
- General requirements for indications	pass	5
- The quiescent condition	pass	6
- The fire alarm condition	pass	7
- Fault warning condition	pass	8
- Disabled condition	pass	9
- Test condition	pass	10
- Standardized input/output interface	pass	11
- Design requirements	pass	12
- Additional design requirements for software controlled control and indicating equipments	pass	13
- Marking	pass	14
Durability of operational reliability, temperature resistance		
- Cold (operational)	pass	15.4
Durability of operational reliability, vibration resistance		
- Impact (operational)	pass	15.6
- Vibration, sinusoidal (operational)	pass	15.7
- Vibration, sinusoidal (endurance)	pass	15.15
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility (EMC), immunity tests (operational)	pass	15.8
- Supply voltage variations	pass	15.13
Durability of operational reliability, humidity resistance		
- Damp heat, steady state (operational)	pass	15.5
- Damp heat, steady state (endurance)	pass	15.14
Note: NPD theoretically possible; except for durability of characteristics with declared performance NA (not applicable) for components to which the requirement does not apply The list of options with requirements is listed separately		

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**Annex 4 to the CERTIFICATE CONSTANCY OF PERFORMANCE**

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Harmonised technical specification	EN 54-4:1997/A1:2002/A2:2006	
Essential Characteristics	Performance	Clause
Performance of power supply		
- General requirements	pass	4
- Functions	pass	5
- Materials, design and manufacture	pass	6
Operational reliability		
- General requirements	pass	4
- Functions	pass	5
- Materials, design and manufacture	pass	6
- Documentation	pass	7
- Marking	pass	8
Durability of operational reliability, temperature resistance		
- Cold (operational)	pass	9.5
Durability of operational reliability, vibration resistance		
- Impact (operational)	pass	9.7
- Vibration, sinusoidal (operational)	pass	9.8
- Vibration, sinusoidal (endurance)	pass	9.15
Durability of operational reliability, electrical stability		
- Electromagnetic compatibility (EMC), immunity tests (operational)	pass	9.9
Durability of operational reliability, humidity resistance		
- Damp heat, steady state (operational)	pass	9.6
- Damp heat, steady state (endurance)	pass	9.14
Note: NPD theoretically possible; except for durability of characteristics with declared performance NA (not applicable) for components to which the requirement does not apply		

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