

DECLARATION OF PERFORMANCE

NO. 07/FS/2017/EN

1. Unique identification code of the product-type:

Control and indicating equipment with power supply equipment type FAS.

00 – 20 – XXXX – YYYY

00 - reserve field

20 - Unique number of the product: Control and indicating equipment type FAS

XXXX - Date

YYYY - Next batch number

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Fire detection and fire alarm systems installed in and around buildings.

3. Manufacturer:

**P. P. H. U. AWEX Rafał Stanuch,
Masłomiaça, ul. Długa 39,
32-091 Michałowice.**

4. System or systems of assessment and verification of constancy of performance of the construction product:

System 1.

5. Harmonised standard:

EN 54-2:1997+AC:1999+A1:2006

EN 54-4:1997+AC:1999+A1:2002+A2:2006.

Name and identification number of the Technical Assessment Body:

**Centrum Naukowo Badawcze Ochrony Przeciwpożarowej
im. J. Tuliszowskiego – Państwowy Instytut Badawczy, No 1438.**

6. Declared performance:

No.	Essential characteristics of the product	EN54-2:1997 +AC:1999 +A1:2006	Performance
Performance under fire conditions			
1	General requirements	4	Pass
2	General requirements for indications	5	Pass
3	The fire alarm condition	7	Pass
Response delay (response time to fire)			
4	Reception and processing of fire signals	7.1	Pass
5	Output of the fire alarm conditions	7.7	Pass
6	Delay to outputs	7.11	Pass
7	Dependencies on more than one alarm signal	7.12	Pass
Operational reliability			
8	General requirements	4	Pass
9	General requirements for indications	5	Pass
10	The quiescent condition	6	Pass
11	The fire alarm condition	7	Pass
12	Fault warning condition	8	Pass
13	Disabled condition	9	Pass
14	Test condition	10	Pass
15	Standardized input/output interface	11	Pass
16	Design requirements	12	Pass
17	Additional design requirements for software controlled control and indicating equipment	13	Pass
18	Marking	14	Pass
Durability of operational reliability, temperature resistance			
19	Cold (operational)	15.4	Pass
Durability of operational reliability, vibration resistance			
20	Impact (operational)	15.6	Pass
21	Vibration, sinusoidal (operational)	15.7	Pass
22	Vibration, sinusoidal (endurance)	15.15	Pass
Durability of operational reliability, electrical stability			
23	Electromagnetic compatibility (EMC), immunity tests (operational)	15.8	Pass
24	Supply voltage variations	15.13	Pass
Durability of operational reliability, humidity resistance			
25	Damp heat, steady state (operational)	15.5	Pass
26	Damp heat, steady state (endurance)	15.14	Pass
Optional functions			
Indications			
1	Fault signals from points	8.3	Pass
2	Total loss of the power supply	8.4	Pass
3	Alarm counter	7.13	Pass
Controls			
4	Dependencies on more than one alarm signal	7.12	Pass
5	Delay to outputs	7.11	Pass
6	Disablement of addressable points	9.5	Pass
7	Test condition	10	Pass
Inputs/Outputs			
8	Output to fire alarm devices	7.8	Pass
9	Alarm transmission routing equipment	7.9	Pass
10	Output to fire protection equipment	7.10	Pass
11	Fault warning routing equipment	8.9	Pass
12	Standardized input/output interface	11	Pass

No.	Essential characteristics of the product	EN54-4:1997 +AC:1999 +A1:2002 +A2:2006	Performance
Performance of power supply			
1	General requirements	4	Pass
2	Functions	5	Pass
3	Materials, design and manufacture	6	Pass
Operational reliability			
4	General requirements	4	Pass
5	Functions	5	Pass
6	Materials, design and manufacture	6	Pass
7	Documentation	7	Pass
8	Marking	8	Pass
Durability of operational reliability, temperature resistance			
9	Cold (operational)	9.5	Pass
Durability of operational reliability, vibration resistance			
10	Impact (operational)	9.7	Pass
11	Vibration, sinusoidal (operational)	9.8	Pass
12	Vibration, sinusoidal (endurance)	9.15	Pass
Durability of operational reliability, electrical stability			
13	Electromagnetic compatibility (EMC) immunity tests (operational)	9.9	Pass
Durability of operational reliability, humidity resistance			
14	Damp heat, steady state (operational)	9.6	Pass
15	Damp heat, steady state (endurance)	9.14	Pass

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Rafał Stanuch, CEO

(name and function)

Masłomiąca 18.04.2017
(Place and date of issue)


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(signature)