

DECLARATION OF PERFORMANCE

№ FP9000/16/24/32-2020

According to Construction Products Regulation № 305/2011 EU

1. Identification code of the product type:

Conventional fire alarm panel FP9000-16, FP9000-24, FP9000-32

2. Number type:

FP9000-16, FP9000-24 and FP9000-32

Description: Conventional fire alarm panel.

3. Intended use or uses of the construction product in accordance with the applicable harmonized specifications, as provided by the manufacturer.

Fire alarm systems installed in buildings and around them.

4. Manufacturer

**"DMTech" Ltd.
16, Nikolay Haytov Str.
Pleven 5806, Bulgaria**

5. Commercial Company

**"DMTech" Ltd.
16, Nikolay Haytov Str.
Pleven 5806, Bulgaria**

6. Evaluation System

System 1

7. Certifying Authority

**"DEDAL – A&C" Ltd.
50, Mladost, 8230 Nessebar, Bulgaria
tel: +359 209715012**

Certifying Authority №:

NB 1922

EU Certificate: **1922 -CPR -1468 of 21/12/2020,**

8. European Technical Assessment **None issued**

9. Declared performance:

EN 54-2:1997/A1:2006 Fire alarm systems. Part 2: Control and indication devices		
Standard's point	Description	Performance
4.	General requirements	Pass
4.2	Energy sources	Pass
5.	General requirements for indications	Pass
5.1	Presentation of the functional condition	Pass
5.2	Presentation of indications	Pass
5.4	Indications of power	Pass
5.5	Sound indication	Pass
5.6	Additional indications	Pass
6.	Quiescent condition	Pass
7.	Fire alarm condition	Pass
7.1	Reception and processing of fire signals	Pass
7.2	Fire alarm mode indication	Pass
7.3	Alarming zones notifications indication	Pass
7.4	Sound indication	Pass
7.5	Other indications in Fire alarm condition	Pass
7.6	Returning to Duty mode from Fire alarm condition	Pass
7.7	Output of the Fire alarm condition	Pass
7.8	Output to fire alarm devices	Pass
7.9	Output to transmitting fire alarm signal devices	Pass
7.10	Outputs to firefighting installation	Pass
7.11	Output delay	Pass
7.12	Dependencies on more than on alarm signal	Pass
8.	Fault warning condition	Pass
8.1	Accepting and processing fault notifications	Pass
8.2	Indication faults	Pass
8.3	Point fault notifications	Pass
8.4	Power total loss	Pass
8.5	System fault	Pass
8.6	Sound indications	Pass
8.7	Returning to fault indication initial condition	Pass
8.8	Initial fault signal	Pass
9.	Disabled condition	Pass
9.1	General requirements	Pass
9.2	Disabled condition indication	Pass
9.3	Specific prohibition/disabled indications	Pass
9.4	Prohibitions and their indication	Pass
9.5	Addressable points prohibition	Pass
10	Check-up condition	Pass
10.1	General requirements	Pass
10.2	Check-up condition indication	Pass
10.3	Check-up indication zones indication	Pass
12	Design requirements	Pass
12.1	General requirements and the manufacturer declarations	Pass
12.2	Documentation	Pass
12.3	Mechanic construction requirements	Pass

12.4	Electric and other constructive requirements	Pass
12.5	Continuity of transmission tracts	Pass
12.6	Availability of organs for indication and control	Pass
12.7	Light-emitting indication	Pass
12.8	Alphanumeric indicators indications	Pass
12.9	Indicators color	Pass
12.10	Sound indications	Pass
13	Additional design requirements for software controlled control and indicating equipment	Pass
13.1	General requirements and manufacturer declarations	Pass
13.2	Software documentation	Pass
13.3	Design software	Pass
13.4	Monitoring program	Pass
13.5	Program and data storage	Pass
13.6	Memory monitoring	Pass
13.7	EUT action in the case of system failure	Pass
14.	Marking	Pass
15.	Tests	Pass
15.1	General events	Pass
15.2	Functional test	Pass
15.3	Tests on the environment influence.	Pass
15.4	Cold (operational)	Pass
15.5	Damp heat, steady state (optional)	Pass
15.6	Impact (operational)	Pass
15.7	Vibration, sinusoidal (operational)	Pass
15.8	Electromagnetic compatibility (EMC) immunity tests (operational)	Pass
15.13	Amendment of the supply voltage (operational)	Pass
15.14	Damp heat, steady state (endurance)	Pass
15.15	Vibration, sinusoidal (endurance)	Pass

EN 54-2:1997/A1:2006 Fire systems. Part 4 : Power supply devices		
Standard's point	Description	Performance
4.	General requirements	Pass
4.2	Energy sources	Pass
5.	Functions	Pass
5.1	Supply from the main power source	Pass
5.2	Power supply from a backup power source (battery)	Pass
5.3	Charger	Pass
5.4	Failures	Pass
6.	Materials, design and manufacture	Pass
6.1	Manufacturer's declaration	Pass
6.2	Mechanical construction	Pass
6.3	Electrical construction	Pass
7.	Documentation	Pass
7.1	Operational documentation	Pass
7.2	Construction documentation	Pass
8.	Marking	Pass
9.	Tests	Pass
9.1	General	Pass
9.2	Functional tests	Pass
9.3	Testing of the charger and backup power source.	Pass
9.4	Testing of the environment influence.	Pass
9.5	Cold (operational)	Pass
9.6	Damp heat, steady state (optional)	Pass
9.7	Impact (operational)	Pass

9.8	Vibrations, sinusoidal (operational)	Pass
9.9	Electromagnetic compatibility (EMC) immunity tests (operational)	Pass
9.14	Damp heat, steady state (endurance)	Pass
9.15	Vibrations, sinusoidal (endurance)	Pass

10. The presentation of the products, referred to in (1) and (2), correspond to the declared performance in (9).

11. With this declaration of conformity is declared and the product's compliance with the requirements of the following additional standards:

- EN 50130-4:2011
- EN 55022:2006/A1:2007
- EN 60950-1:2006/A11:2009

This declaration of performance is issued under the sole responsibility of the producer, referred to in (4).

Signature: 

Milen Kirov
General Manager
DMTech Ltd.
21/12/2020