Dedal Attestation & Certification

Notified body No. 1922
Bulgaria, 8230 Nesebar
Mladost #50

CERTIFICATE

of constancy of performance

1922 - CPR - 1223

In compliance with Regulation (EU) 305/2011 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

Fire detection and fire alarm systems. Control and indicating equipment and power supply equipment. Fixed firefighting systems. Components for gas extinguishing systems. Requirements and test methods for electrical automatic control and delay devices. Conventional fire extinguishing control panel FP 9000 E, class A

(For list of controlled characteristics, see Annexes I, II and III to 1922 - CPR - 1223 that are an inseparable part of this certificate)

placed on the market under the name or trade mark of

DMTech Ltd.

1 Ekzarh Yosif Str., 5800 Pleven, Bulgaria

and produced in the manufacturing plant of

DMTech Ltd.

16 Nikolay Haytov Str., 5806 Pleven, Bulgaria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999; EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006, EN 54-4:1997/AC:1999 and EN 12094-1:2003

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 11.07.2019 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. The certificate is supported through annual surveillance audit. The validity of this certificate can be verified in the CE register on www.dedal-bg.net.

CE

Embossed stamp of "Dedal - A&C" Ltd.

Issued:
Burgas, 11 July 2019

Manager:

Dedal Attestation & Certification

arch. Galina Vasileva

Dedal Attestation & Certification

Notified body No. 1922
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ANNEX I TO CERTIFICATE OF CONFORMITY OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1223/11.07.2019

EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999

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 equipment*	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

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ANNEX II TO CERTIFICATE OF CONFORMITY OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1223/11.07.2019

EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006, EN 54-4:1997/AC:1999

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

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ANNEX III TO CERTIFICATE OF CONFORMITY OF CONSTANCY OF PERFORMANCE 1922 - CPR - 1223/11.07.2019

EN 12094-1:2003

Essential Characteristics	Performance	Clause
Response Delay (response time)	Pass	4.8
Operational Reliability		
- *Functional requirements*	Pass	4
- *Design requirements*	Pass	5
- *Additional design requirements for software controlled e.c.d.s*	Pass	6
Performance Parameters Under Fire Condition		
- *Signal processing and indication*	Pass	4.3
- *Reception and processing of input triggering signals*	Pass	4.4
- *Transmission of extinguishing signal*	Pass	4.5
- *Activation of alarm devices*	Pass	4.6
Durability	Pass	9

This certificate was first issued on 11.07.2019 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. The certificate is supported through annual surveillance audit. The validity of this certificate can be verified in the CE register on www.dedal-bg.net.

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