0063-CPR-232190027

DECLARATION OF PERFORMANCE

In accordance with 305/2011/EU
Ref: BİLGİ-CPR-202510-02

Product Code:
teknim TFP-2214
teknim TFP-2212
teknim TFP-2211

Product Name:
Intelligent Addressable Fire Alarm Panel, 4 Loop, Networkable
Intelligent Addressable Fire Alarm Panel, 2 Loop, Networkable
Intelligent Addressable Fire Alarm Panel, 1 Loop, Networkable

Auxiliary Components:
teknim TFP-1240 Intelligent Addressable Repeater Panel
teknim TFC-1201 Loop Board
teknim TFC-1209 Network Module
teknim TXM-5474 LTE Module

Manufacturer:
Teknim Elektronik San. ve Tic. A.Ş.
Dudullu Organize Sanayi Bölgesi 1.Cadde İsmet Tarman İş Merkezi No:1 D:32 34776 Ümraniye - İstanbul / Türkiye

Intended Use:
Fire Detection and Fire Alarm Systems Installed in Buildings

Systems of Assessment and Verification for Constancy of Performance: System 1

Harmonized Standards: EN 54-2:1997
EN 54-2:1997/AC:1999
EN 54-2:1997/A1:2006
EN 54-4:1997
EN 54-4:1997/AC:1999
EN 54-4:1997/A1:2002
EN 54-4:1997/A2:2006
EN 54-21:2006

Notified Body: Kiwa Nederland B.V. – NB No: 0063

Essential Characteristics	Performance	EN 54-2:1997 +AC:1999+A1:2006
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)		
— Peception 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	N/A	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	N/A	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
The fire alarm conditions		
— Output to fire alarm devices (option with requirements)	Pass	7.8
— Alarm Counter (Option with requirements)	Pass	7.13
Fault warning condition		
— Fault Signals From Points (Option with requirements)	Pass	8.3
Disabled condition		
— Disablement of addressable points (Option with requirements)	Pass	9.5

Essential Characteristics	*Performance*	*EN 54-4:1997+AC:1999+A1:2002+A2:2006*
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*

Essential Characteristics	*Performance*	*EN 54-21:2006*
Performance of transmission		
— *General requirements*	*Pass*	*4*
— *Functional requirements*	*Pass*	*5*
Operational reliability		
— *General requirements*	*Pass*	*4*
— *Functional requirements*	*Pass*	*5*
— *Design requirements*	*Pass*	*7*
— *Marking*	*Pass*	*8*
— *Power Supply*	*Pass*	*9*
Durability of operational reliability, temperature resistance		
— *Cold (operational)*	*Pass*	*10.4*
Durability of operational reliability, vibration resistance		
— *Impact (operational)*	*Pass*	*10.6*
— *Vibration, sinusoidal (operational)*	*Pass*	*10.7*
— *Vibration, sinusoidal (endurance)*	*Pass*	*10.11*
Durability of operational reliability, Electrical stability		
— *Electromagnetic (EMC), immunity tests (operational)*	*Pass*	*10.8*
— *Supply voltage variations*	*Pass*	*10.9*
Durability of operational reliability, Humidity resistance		
— *Damp heat, steady state (operational)*	*Pass*	*10.5*
— *Damp heat, steady state (endurance)*	*Pass*	*10.10*

The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

İstanbul, 05.03.2025

Signed for and on behalf of the manufacturer by:

Saruhan Acar
Vice General Manager

