



Certificate of Compliance

No. 3N200901.EECO02

Test Report no. TCF-03-202074-CPR

Certificate's
Holder:

EKINGEN ELEKTRONIK PAZ. ITH IHR. SAN.
TIC. LTD. STI.
MAHMUTBEY MAHALLESİ 2650. SOKAK NO:1534218
BAGCILAR ISTANBUL TURKEY

Certification ECM
Mark:



Product:

Loudspeakers for Fire Detection and
Fire Alarm Systems

Brand Name:

DECON

Model(s):

(see the following annex)

Verification to:

Standard:
EN 54-24:2008

related to CE Directive(s):
R 305/2011 (Regulation for the Marketing of
Construction Products)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products accordingly to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:



The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01_ECM rev.3 available at: www.entecerma.it

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Reviewer
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Annex I

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Model(s):

Indoor (Type A)

DS-EN26CS//DS-EN32FCS//DS-EN26WS//DS-EN26FCS//DS-EN40FCS//DS-EN32WCS//
DS-EN40WCS//DS-EN26ACS//DS-EN32ACS//DS-EN40ACS//DS-EN32SPS//DS-EN40SPS//DS-EN26SS

Outdoor (Type B)

DS-EN60HS//DS-EN40PS//DS-EN30HS//DS-EN60AHS//DS-EN120AHS//DS-EN30CS//DS-EN50CS

EN 54-24:2008 Characteristics and Declared Performance:

Essential Characteristics	EN 54-24:2008 Clauses	Performance
Performance under fire conditions		
- Frequency response limits	4.2	Pass
- Reproducibility	5.2	Pass
- Rated impedance	5.3	Pass
- Horizontal and vertical coverage angles	5.4	Pass
- Maximum sound pressure level	5.5	Pass
Operational reliability		
- Durability	4.3	Pass
- Construction	4.4	Pass
- Marking and data	4.5	Pass
- Rated noise power (durability)	5.6	Pass
- Enclosed of the loudspeaker	5.18	Pass
Durability of operational reliability temperature resistance		
- Dry Heat (operational)	5.7	Pass
- Dry Heat (endurance)	5.8	Pass
- Cold (operational)	5.9	Pass
Durability of operational reliability Humidity resistance		
- Damp heat, cyclic (operational)	5.10	Pass
- Damp heat, steady state (endurance)	5.11	Pass
- Damp heat, cyclic (endurance)	5.12	Pass
Durability of operational reliability corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	5.13	Pass
Durability of operational reliability Impact and vibration resistance		
- Shock (operational)	5.14	N.A.
- Impact (operational)	5.15	Pass
- Vibration, sinusoidal (operational)	5.16	Pass
- Vibration, sinusoidal (endurance)	5.17	Pass