



国家防爆

Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cert. No.: CNEx17.X1369X

Manufacturer DNH AS
Gruveveien 4, N-3770 Kragerø, Norway

Name of Product Loudspeaker

Type of Product DSP-25EExmN(T), DSP-25EExmNC(T)

Marking DSP-25EExmN(T):
Ex d e mb IIB+H₂/IIC T5 Gb -50°C ≤ Ta ≤ +55°C
DSP-25EExmNC(T) Alternative plastic:
Ex d e mb IIB+H₂/IIC T5 Gb -20°C ≤ Ta ≤ +40°C

Drawing No. 2501, 1188-A4-F

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

GB3836.1-2010 Explosive atmospheres Part 1: Equipment-General requirements

GB3836.2-2010 Explosive atmospheres Part 2: Flameproof enclosure 'd'

GB3836.3-2010 Explosive atmospheres Part 3: Equipment protection by increased safety "e"

GB3836.9-2014 Explosive atmospheres Part 4: Equipment protection by type of protection "m"

Note See Annex (1 page).

Valid Date From Apr 28, 2017 to Apr 27, 2022

Issue Date Apr 28, 2017

Director



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTRE
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China

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Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).

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1. This product has obtained IECEx certificate, Cert. No.: IECEx NEM 11.0015X, issue 2 (2015-7-3).
2. Equipment description:
This Certificate covers a loudspeaker. T in the designation indicates design with transformer. C indicates that Cabelec plastic is used for enclosure. For IIC sintered metal of stainless steel, type SIKA-R 200 is used. For IIB +H2 sintered metal of bronze, type SIKA-B 200 is used.

Ratings:
Voltage: 100V, Current: 250mA, Power: 25W, Ingress Protection Code: IP66
Variants:
With encapsulated e-chamber and permanent cable (DSP-25EExmNMF(T).
With moulded Monitoring card (DSP-25EExmMN(T).
With alternative plastic enclosure the ambient temperature is: $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$
3. Special conditions for safe use
 - The Loudspeaker shall only be installed in areas where there is a low risk of impact.
 - When the bracket of the loudspeaker is mounted onto the construction, the bracket must be connected to earth potential through the construction.

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国家防爆

防爆电气设备 防爆合格证

编号: CNEx17.13769X

制造单位 DNH AS
Gruveveien 4, N-3770 Kragerø, Norway
产品名称 防爆扬声器
型号规格 DSP-25EExmN(T), DSP-25EExmNC(T)
防爆标志 DSP-25EExmN(T):
Ex d e mb IIB+H₂/IIC T5 Gb -50°C ≤ Ta ≤ +55°C
DSP-25EExmNC(T) (塑料):
Ex d e mb IIB+H₂/IIC T5 Gb -20°C ≤ Ta ≤ +40°C

总装图号 2501, 1188-A4-F

经对上述产品图样及技术文件的审查和样品检验, 确认符合下列标准:

GB3836.1-2010 《爆炸性环境第1部分: 设备 通用要求》
GB3836.2-2010 《爆炸性环境 第2部分: 由隔爆外壳“d”保护的设备》
GB3836.3-2010 《爆炸性环境 第3部分: 由增安型“e”保护的设备》
GB3836.9-2014 《爆炸性环境 第9部分: 由浇封型“m”保护的设备》

记 事 见附页(共1页)。

本证有效期 2017年4月28日至2022年4月27日

颁发日期 2017年4月28日

中心主任

王军



国家防爆电气产品质量监督检验中心

地址: 中国河南省南阳市仲景北路20号 邮政编码: 473008

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国家防爆

防爆电气设备

防爆合格证(附页)

编号: CNEEx17.1369X

第1页, 共1页

1. 本产品已取得 IECEX 证书, 编号: IECEX NEM 11.0015X, 第2版 (2015-7-3)。

2. 设备描述:

本产品为防爆扬声器。型号中的 T 即为带有变压器, 型号中的 C 意味外壳采用了 Cabelec 塑料; 用于 IIC 气体的不锈钢烧结金属采用 SIKA-R 200; 用于 IIB+H₂ 的铜烧结金属采用 SIKA-B 200。

定额:

电压: 100V, 电流: 250mA, 功率: 25W, 防护等级: IP66

本证书还涵盖以下型号:

带有增安盒和永久性连接电缆 (DSP-25EEExmNMF(T)).

带有注塑成型的监视卡 (DSP-25EEExmMN(T)).

当选用塑料外壳时设备使用环境温度为: $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$

3. 安全使用条件

- 该产品只能安装在低能量冲击的区域;
- 当扬声器支架安装于框架时, 支架必须通过框架接地。

颁发日期 2017 年 4 月 28 日

中心主任

王军



国家防爆电气产品质量监督检验中心

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