



国家防爆

Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cer. No.: CNEx14.2521X

Manufacturer Eaton MEDC Ltd
(Address: Unit B, Sutton Parkway, Oddcroft Lane, Sutton-in-Ashfield, NG 17 5FB, United Kindom)

Name of Product Loudspeaker

Type of Product DB4BE GD

Marking Ex de IIC T4/T5/T6 Gb/Ex tb IIIC T135°C/T100°C/T85°C Db IP66

Standard _____

Drawing No. 399-101, 419-108

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: Equipment protection by flameproof enclosures "d"
- GB3836.3-2010 Explosive atmospheres-Part 3: Equipment protection by increased safety "e"
- IEC60079-31:2008 Explosive atmospheres –Part 31: Equipment dust ignition protection by enclosure "t"

Note See Annex.

Valid Date From December 28, 2016 to September 14, 2019

Issue Date December 28, 2016

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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- The product has been certified according to ATEX. Certificate no: Baseefa13ATEX 0233X.
- This certification is updated version due to the name change of the manufacturer.
- The related information of this product are as follows:

Type	Maximum Rated voltage	Watts	Temperature Classification	Ambient Temperature Range
DB4BE GD	100V	25	T4/T135°C	-50°C to + 55°C
			T5/T100°C	-50°C to + 40°C
		15	T4/T135°C	-50°C to + 65°C
			T5/T100°C	-50°C to + 55°C
			T6/T85°C	-50°C to + 40°C
		8	T4/T135°C	-50°C to + 70°C
			T5/T100°C	-50°C to + 55°C
			T6/T85°C	-50°C to + 40°C

- For replacement purposes the cover fixing screws shall be of stainless steel grade A2-70 or stronger.
- Painting and surface finishes, other than those applied by the manufacturer, are not Permitted.
- When the unit is used in dust atmospheres the cable entries used shall be to maintain the IP6X rating, in accordance with the applicable installation codes.
- Not more than one single or multiple strand wiring lead shall be connected into either side of any terminal, unless multiple conductors have been joined in a suitable manner, e.g. two conductors into a single insulated crimped boot lace ferrule.
- Leads connected to the terminals shall be insulated for at least 275V and this insulation shall extend to within 1mm of the metal of the terminal throat.
- Minimum creepage and clearance distances between the terminals and adjacent conductive parts(including cable entry devices) must be at least 6mm.
- All terminal screws, used and unused, shall be tightened down.

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