



国家防爆

Electrical Apparatus for Explosive Atmospheres

# CERTIFICATE OF CONFORMITY

Cer. No.: CNEx14.2252X

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

**Name of Product** General purpose Alarm Station

**Type of Product** SM87 BGLI

**Marking** Ex ia IIC T4 Ga

**Standard** \_\_\_\_\_

**Drawing No.** 562-785

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
- GB3836.4-2010 Explosive atmospheres-Part 4: Equipment protection by intrinsic safety "i"

**Note** See Annex.

**Valid Date** From December 28, 2016 to August 24, 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

**Tel:** 0377-63258564 **Fax:** 0377-63208175 **Http://www.china-ex.com**

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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Cer. No.: CNEx14.2252X

1. The product has been certified according to ATEX.  
Certificate no: Baseefa02ATEX0152X
2. This certification is updated version due to the name change of the manufacturer.
3. This certificate covers the following models:  
SM87 LBGLI, SM87 PBLI, SM87 PBMI.  
Ex Marking: Ex ia IIC T4 Ga.
4. Performance parameters of intrinsic safety:  
Ui=29VDC li=147mA Pi=0.8W Ci=0 Li=0
5. The range of the ambient temperatures: -55°C ~+ 55°C.
6. This product should be equipped with associated electrical apparatus certified with the Ex Mark [Exia Ga]IIC(Um: 250VAC/DC), which is matched with the performance parameters of intrinsic safety, as consisting to intrinsic safety system.
7. The equipment enclosure may optionally be made from an aluminium alloy and therefore must be protected from impact or friction if located in a zone 0.

Issue Date December 28, 2016

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