



国家防爆

# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cer. No.: CNEx14.2249X

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

**Name of Product** Alarm Stations

**Type of Product** SM87BGLD

**Marking** Ex d IIC T5/T6 Gb/Ex tb IIIC T85°C/T100°C Db IP66/IP67

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

**Drawing No.** 562-774

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"
- IEC60079-31:2008 Explosive atmospheres –Part 31: Equipment dust ignition protection by enclosure "t"

**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 relavant standard(s).

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# CERTIFICATE OF CONFORMITY

Cer. No.: CNEx14.2249X

1. The product has been certified according to ATEX.  
Certificate no: Baseefa03ATEX0075/12
2. This certification is updated version due to the name change of the manufacturer.
3. Electric Parameter: 24V, 2A.
4. This certificate covers the following models: SM87LBGLD、SM87PBLD、SM87PBMD,  
Ex Marking: Ex d IIC T5/T6 Gb, Ex tb IIIC T85°C/T100°C Db IP66/IP67.
5. The range of the ambient temperatures:  
When temperature classes is T6 or T85°C,  $-55^{\circ}\text{C} \leq \text{Ta} \leq +55^{\circ}\text{C}$ ;  
When temperature classes is T5 or T100°C,  $-55^{\circ}\text{C} \leq \text{Ta} \leq +70^{\circ}\text{C}$ .
6. Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.
7. When used in an explosive dust atmosphere the Cable entry devices shall maintain the ingress protection of the enclosure.

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