



国家防爆

Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cer. No.: CNEx14.2250X

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

Name of Product Beacons

Type of Product SM87

Marking Ex d IIC T* Gb/Ex tb IIIC T** °C Db IP66/IP67

Standard _____

Drawing No. 562-749

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 relevant standard(s).

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- The product has been certified according to ATEX.
Certificate no: Baseefa03ATEX0222/6
- This certification is updated version due to the name change of the manufacturer.
- This certificate covers the following models:

Beacon	Maximum Rated voltage	Watts	Marked Temperature	Ambient Temperature Range	Cable temperature Rise (K)
SM87 LU3	240VAC	10	T4 / T100°C	-55°C to +70°C	30
			T5 / T85°C	-55°C to +55°C	
			T6 / T70°C	-55°C to +40°C	
		25	T4 / T130°C	-55°C to +55°C	65
			T4 / T115°C	-55°C to +40°C	
		40	T3 / T155°C	-55°C to +55°C	110
T3 / T140°C	-55°C to +40°C				
SM87 LU1	254VAC, 48VDC	5	T5 / T85°C	-55°C to +55°C	50
			T6 / T70°C	-55°C to +40°C	
		10	T5 / T85°C	-55°C to +55°C	50
			T6 / T70°C	-55°C to +40°C	
SM87 HXB	254VAC, 48VDC	11	T5 / T95°C	-55°C to +70°C	60
			T6 / T80°C	-55°C to +55°C	
			T6 / T65°C	-55°C to +40°C	

- The product should be provided with cable entry certified, which is suitable to the application area and ensure the dimensions related to the flameproof property to meet the requirements of GB3836.2-2010.

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