



国家防爆

# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cert. No.: CNEx18.4782X

**Manufacturer** Eaton MEDC LIMITED  
Unit B, Sutton Parkway, Oddicroft Lane, Sutton-in-Ashfield,

**Name of Product** XENON BEACON

**Type of Product** XB11 ≤48VDC ≤240VAC Power: ≤13W

**Marking** Ex d IIBT4/T5/T6 Gb  
Ex tb IIIC T105°C/T90°C/T75°C Db

**Drawing No.** 225-501 issue B

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

|                   |  |
|-------------------|--|
| GB 3836.1-2010    | Explosive atmospheres - Part 1: Equipment - General requirements                     |
| GB3836.2-2010     | Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures "d"    |
| IEC 60079-31:2008 | Explosive atmospheres – Part 31: equipment dust ignition protection by enclosure "t" |

**Note**

1. IP code: IP66/67
2. This certificate is only valid in combination with the related Annex (1 page)
3. Please read and understand the special conditions for safe use as stated in the Annex to this certificate

**Valid Date** From Sep 29, 2018 to Sep 28, 2023

**Issue Date** Sep 29, 2018

**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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This product has been certified under BAS99ATEX2195X with supplementary BAS99ATEX2195X/9, dated on 2016-04-04.

**Product description:**

The Type XB11 Beacon comprises a cylindrical base and cover manufactured from glass reinforced polyester. The cover is secured with M5 stainless steel screws of grade A2-70 or A4-80, and is fitted with a glass well glass which may be provided with a wire guard.

The base is provided with two threaded cable entries and a mounting strap.

A Xenon tube and associated PCB to formed type XB11 Xenon Beacon, with control electronics and terminals. XB11 Xenon Beacon is rated up to 48Vdc, 240Vac, 13W

| Temperature class | Marking | Ambient temperature range | Cable temperature rise (K) |
|-------------------|---------|---------------------------|----------------------------|
| T4                | T105°C  | -55°C to +70°C            | 20                         |
| T5                | T90°C   | -55°C to +55°C            |                            |
| T6                | T75°C   | -55°C to +40°C            |                            |

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be certified and suitable for the equipment.

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