



国家防爆

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

Cer. No.: CNEx13.3270X

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

Name of Product MANUAL CALL POINT

Type of Product PBI BGI

Marking Ex ia IICT4 Ga

Standard _____

Drawing No. 380-448

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 Dec 28, 2016 to Sep 28, 2018

Issue Date Dec 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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Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

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1. The Certificate is valid for following two types: PBI and BGI.
2. This certification is updated version due to the name change of the manufacturer.
3. The manual call point types PBI and BGI are designed to initiate an electrical signal when the alarm switches is operated. Alternative version can provide local LED indication .The unit comprises a polyester enclosure, terminal block and a push bottom swith under a flap (Type PBI) or a piece of glass (Type BGI). Different versions contain resistors and / or Zener diodes. These components may optionally be mounted on an encapsulated pcb. An optional end-of-line resistor may be added.
External connections are made at the terminals via gland entries at the bottom of the unit.
4. The manual call point type PBI and BGI must be matched with the safety barrier(Ex-code; [Exia Ga] IIC)when being put into service.
5. Input parameters of the manual call point types PBI and BGI:
 $U_i=30\text{ V}$; $I_i=147\text{mA}$; $P_i=0.8\text{W}$; $C_i=0$; $L_i=0$
6. The manual call point type PBI and BGI have plastic enclosures which must only be cleaned with a damp cloth to avoid the danger of ignition due to a build up of an electrostatic charge. .
7. Range of ambient temperature (The manual call point type PBI and BGI):
 $-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$.

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