



Electrical Apparatus for Explosive Atmospheres

CERTIFICATE OF CONFORMITY

Cer. No.: CNEx09.0230X

Manufacturer COOPER MEDC LIMITED
Address: Colliery Road, Pinxton, Nottingham, NG16 6JF, UK

Name of Product GENERAL PURPOSE ALARM STATION

Type of Product Series SM87

Marking Exia II CT4

Standard _____

Drawing No. 462-236

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:
GB3836.1-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 1: General Requirements
GB3836.4-2000 Electrical Apparatus for Explosive Gas atmospheres - Part 4: Intrinsic safety "i"

Note See the appendix for the type of series SM and performance parameters of intrinsic safety and the operation notices.

Valid Date From February 18, 2009 to February 17, 2014

Issue Date February 18, 2009

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
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1. This product has been certified by Baseefa. Certificate No: BAS02ATEX0152X, Report No.:02(C)0209.
2. Performance parameters of intrinsic safety:
 $U_i=29V$
 $I_i=147mA$
 $P_i=0.8W$
 $C_i=0$
 $L_i=0$
3. This product should be equipped with associated electrical apparatus certified with the Ex mark [Exia] IIC ($U_m:250VAC/DC$), which is matched with the performance parameters of intrinsic safety, as consisting to intrinsic safety system.
4. Ambient Temperature for operation:
 $-55^{\circ}C \leq T_{amb} \leq +55^{\circ}C$
5. The apparatus enclosure is made from an aluminum alloy, which must be protected against causing an ignition due to impact or friction.
6. Series SM87 include 4 types as the following:
SM87 BG LI, SM87 LBGLI, SM87 PBLI, SM87 PBLI

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