

MODEL NO.

SABXL2M-MBH-d-04

PRODUCT LINE

Smart Alu Box XLarge

SPECIFICATIONS

Enclosure

Die-casting aluminum: O-ring sealed
Dichromate conversion with polyester powder coating
Buna N

Coating

O-rings

Environment

Area Classification

Fasteners

Shaft

Conduit Entries

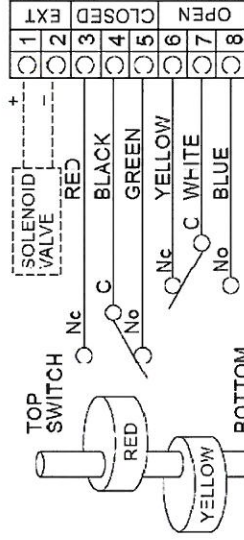
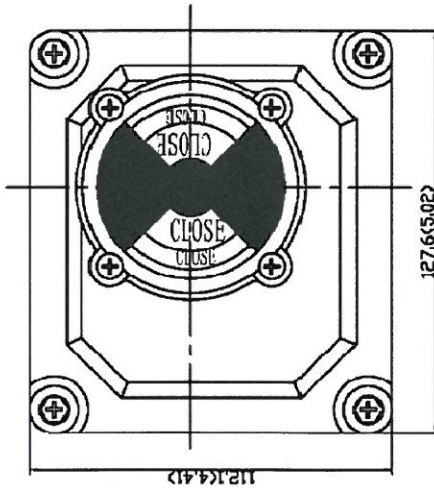
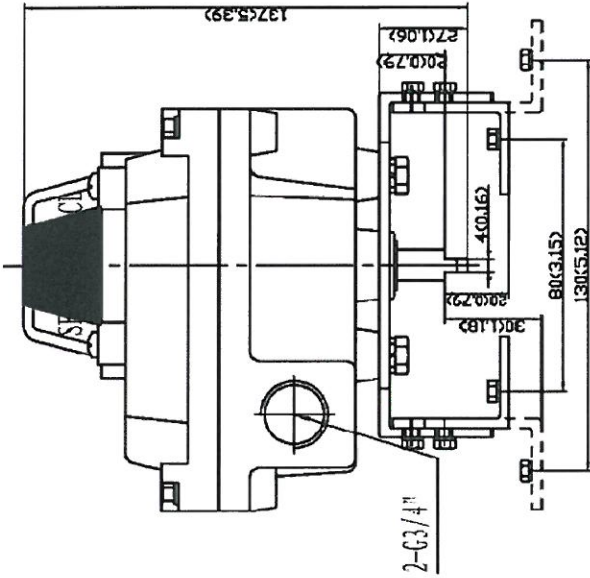
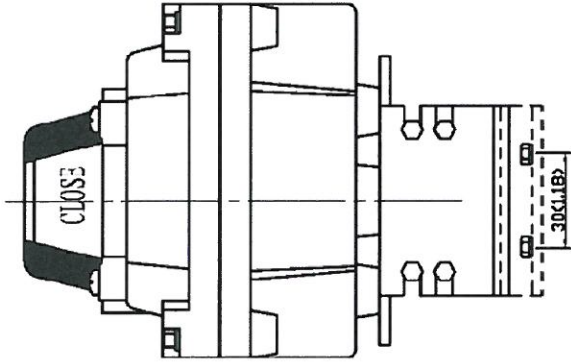
Sensor (M2)

Terminal Strip Contacts

Mounting Bracket

Temperature Rating

NEMA 4, 4X, 7, 8 IP66
Class I, Div. 1 & 2, Groups C and D, Ex d IIB T6
Stainless steel
Stainless steel Namur
Two 3/4" NPT
Also available with two 1/2" or 3/4" BSPP, 1/2" NPT, M20-1.5
2 SPDT CROUZET Mechanical Switches
15A125-250 VAC
8 - 10
MB - 3.3: 30 x 80, 130 H:20, 30 (Carbon steel)
-20°C - 85°C, low temperature execution -40°C



AUTOMATION CENTER GERMANY
A Guntar Berge company

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EG-Konformitätserklärung

D

GB

EC Declaration of conformity

Die EG-Konformitätserklärung
gilt für folgende Geräte der
Produktfamilie:

The EC Declaration of
conformity applies to units of
the product family:

Endschalterboxen mit mechanischen Schaltern 15A, 125-230V AC
Limit switch boxes with mechanical switches 15A, 125-230V AC

ACG Art. Nr. SABXL2M-MBH-D-04

Wir bestätigen die Übereinstimmung mit den grund-
legenden Anforderungen der europäischen Richtlinie:

The basic requirements fulfill
the European guidelines:

ATEX 94/9/EG

ATEX 94/9/EC

Geräte und Schutzsysteme zur
bestimmungsgemäßen Verwendung
in explosionsgefährdeten Bereichen

Equipment and Protective Systems
intended for Use in Potentially
Explosive Atmospheres

Gruppe / group II Kategorie / category 2

CE 0575 Ex II 2G EEx d IIB T6

Folgende harmonisierte Norm(en)
wurden angewandt:

The following harmonised standard(s)
were applied:

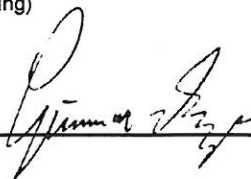
IEC 60079-0:2004
IEC 60079-1:2003

Tettnang, den 28.05.2009

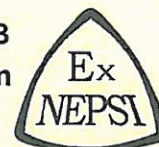
(Ort und Datum der Ausstellung)
(Place and date of issue)

Gunnar Berge

(Name und Unterschrift)
(Name and signature)



Remark: The Certificates from NEPSI are fully Accepted by FM of USA, PTB of Germany, TestSafe of Australia, LCIE of France and TIS of Japan



EXPLOSION PROTECTION CERTIFICATE OF CONFORMITY

Cert No. GYB081129

This is to certify that the product

Explosion Proof Valve Return Signaler

manufactured by

Wuxi Aphe Flow Smart Controls Maker Co., Ltd

(Address: 9B Deyuan Mansion, 78# Wuai Road, Wuxi, Jiangsu, China)

which model is

ALS-500 Series 220VAC

Ex marking

Ex d II B T6

product standard

Explosion Proof Valve Return Signaler Factory Standard

drawing number

ALS500-000

has been inspected and certified by NEPSI, and that it conforms to **GB 3836.1-2000、GB 3836.2-2000**

This Approval shall remain in force until

2013.03.17

Remarks

1. Special conditions for safe use specified in the attachment to this certificate.
2. Degrees of protection provided by enclosure IP66.

Director



National Supervision and Inspection Centre for
Explosion Protection and Safety of Instrumentation

Issued Date 2008.03.18

This Certificate is valid for products compatible with the documents and samples approved by NEPSI.

103 Cao Bao Road
Shanghai 200233, China

<http://www.nepsi.org.cn>
Email: info@nepsi.org.cn

Tel:0086 21 64368180
Fax:0086 21 64844580



IECEX Ex TEST REPORT COVER

ExTR Reference Number.....:

ExTR Free Reference Number: B09-025-WT

Complied by + signature (ExTL): Zhao Hong

Reviewed by + signature (ExTL).....: Xu Jianping

Approved by + signature (ExCB) ...:

Date of issue: 2009-04-10

Ex Certification Body (ExCB).....:

Address

Ex Testing Laboratory (ExTL).....: Shanghai Inspection and Testing Institute of Instruments and Automatic Systems(SITIIAS)

National Supervision and Inspection Center for Explosion Protection and Safety of Instrumentation(NEPSI)

Address: 103 Cao Bao Road, Shanghai 200233, China

Applicant's name.....: Wuxi St.Hans Air Controls Export & Import Co.,Ltd.

Address: No.27-1 Longshan Rd., New Area Wuxi, 214028, Jiangsu, P.R.China

Standards.....: IEC 60079-0:2004, IEC 60079-1:2003

Test procedure.....: IECEx Scheme

Test Report Form No.: ExTR Cover_1

TRF Originator.....: Underwriters Laboratories Inc. (UL)

Master TRF: dated 2006-08

Instructions for Intended Use of Cover Sheet:

This document is to be compiled and reviewed by the ExTL, with the ExCB giving the final approval, or compiled by the ExCB without the involvement of the ExTL. It is to serve as the sole cover for an ExTR package, which may be comprised of a single ExTR document or multiple ExTR documents. This ExTR Cover is to be completed and attached to the completed ExTR package.

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Test item description.....: Limit Switch

Trademark.....: ALPHA

Model/type reference: ALS-500M, ALS-600M

Manufacturer: Wuxi Ape Flow Smart Controls Maker Co.,Ltd.

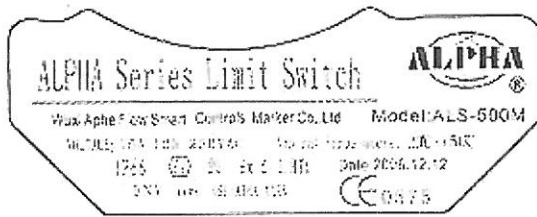
Address: A4-406 Standard Factory, Li Yuan Economic Developing District, Wuxi, Jiangsu, P.R.China.

Code (e.g. Ex _ II _ T_).....:

II 2 G Ex d II BT6

Rating.....: 15A, 125-250VAC

Copy of Marking Plate



Particulars: test item vs. test requirements

Classification of installation and use : portable / stationary / hand-held
 Ingress protection : IP66
 Rated ambient temperature range (°C)..... : -20°C ~ +50°C

General remarks:

General product information:

ALS- □00M

5: Aluminum Alloys Enclosure
 6: Stainless Steel Enclosure

Manufacturer's Documents

Title:	Drawing No.:	Rev. Level:	Date:
Assembly drawing	ALS500-000	-	2009.02.08
Assembly drawing	ALS600-000	-	2009.02.08
Body(2 sheets)	ALS500-001	-	2009.02.08
Cover	ALS500-002	-	2009.02.08
Body(2 sheets)	ALS600-001	-	2009.02.08
Cover	ALS600-002	-	2009.02.08
Indicator O-ring	ALS210-013	-	2009.02.08
Shaft O-ring	ALS210-015	-	2009.02.08
Shaft Sleeve	ALS400-007	-	2009.02.08
Body O-ring	ALS500-003	-	2009.02.08
Shaft	ALS500-007	-	2009.02.08
Label	ALS500-010	-	2009.02.08
Earthing Label	ALS500-014	-	2009.02.08
Warning Label	ALS500-015	-	2009.02.08
Body O-ring	ALS600-005	-	2009.02.08
Label	ALS600-010	-	2009.02.08