



国家防爆

# 防爆合格证

制造单位 R. STAHL Schaltgeräte GmbH  
Am Bahnhof 30, 74638 Waldenburg, Germany

产品名称 防爆声光报警器

型号规格 YL60C

防爆标志 Ex d IIB + H2 T4/T6 Gb, Ex tD A21 IP66 T135°C/T85°C

产品标准 —

总装图号 D7381

经对上述产品图样及技术文件的审查和样品检验,确认符合下列标准:

- GB 3836.1-2010 《爆炸性环境 第1部分:设备 通用要求》
- GB 3836.2-2010 《爆炸性环境 第2部分:由隔爆外壳“d”保护的设备》
- GB12476.1-2013 《可燃性粉尘环境用电气设备 第1部分:通用要求》
- GB12476.5-2013 《可燃性粉尘环境用电气设备 第5部分:外壳保护型“tD”》

记事: 见附页。

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中心主任

颁发日期

2021年03月30日

本证有效期

2021年03月30日至2026年03月29日



国家防爆电气产品质量监督检验中心  
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公众号





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# 防爆合格证 (附页)

## 1. 型号含义:

\*\*60C\*50\*EU

第 1、2 位\*\*可代表 YL、YA、FL

第 3 位\*代表额定电压: D=24V DC, L=115V AC, N=230V AC

第 4 位\*代表灯罩颜色

## 2. YL60C 声/光报警器技术参数:

1) 24VDC, 570mA

2) 115VAC, 200mA

3) 230VAC, 100mA

## YA60C 声音报警器技术参数:

1) 24VDC, 350mA

2) 115VAC, 110mA

3) 230VAC, 55mA

## FL60C 闪光报警器技术参数:

1) 24VDC, 220mA

2) 115VAC, 90mA

3) 230VAC, 45mA

## 3. 防爆标志: Ex d IIB + H2 T4/T6 Gb, Ex tD A21 IP66 T135°C/T85°C

T4/T135°C: 当环境温度为-20°C~+60°C, 使用 5J、10J、20J 能量气光源时

T6/T85°C: 当环境温度为-20°C~+40°C, 使用 5J 能量气光源时

4. 本产品的隔爆接合面, 其最大间隙小于标准 GB3836.2 中规定的间隙。用户必须确保每个端盖止口配合面相关的径向间隙不超过 0.064mm, 并且每个端盖的平面与主体之间配合面的间隙不超过 0.038mm。

5. 更换时, 端盖固定螺栓最低性能应为不锈钢材质 A4-80。

6. 电缆引入装置应保证 IP66 防护等级。

7. 该设备安装使用时, 应使其喇叭罩在朝上的状态下运行。

8. 由于灯罩、喇叭罩和喇叭的材料可能会产生静电危险, 为了避免产生点燃危险, 应在外壳的外部贴有警告标签, 只允许用湿布清洁。

9. 本产品已取得 IECEx 认证, 证书编号: IECEx BAS 05.0087X, 版本 8, 颁发日期: 2018-04-17。

中心主任

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公众号



Certificate number: CNEx20.5076X



国家防爆

# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

**Manufacturer** R. STAHL Schaltgeräte GmbH  
Am Bahnhof 30, 74638 Waldenburg, Germany

**Product** Audible/Visual Alarm

**Type** YL60C

**Marking** Ex d IIB + H2 T4/T6 Gb, Ex tD A21 IP66 T135°C/T85°C

**Standard(s)** —

**Drawing No.** D7381

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
- GB 3836.2-2010 Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures "d"
- GB12476.1-2013 Electrical apparatus for use in the presence of combustible dust - Part 1: General requirements
- GB12476.5-2013 Electrical apparatus for use in the presence of combustible dust - Part 5: Protection by enclosures "tD"

Note: See Annex

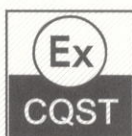
Director

Date:

2021-03-30

Valid until:

2026-03-29



CHINA NATIONAL QUALITY SUPERVISION AND TEST CENTER  
FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS

Address: No.20 North Zhongjing Rd, Nanyang, Henan(473008), P.R.China

Tel: 0377-63258564 Fax: 0377-63208175 Web: www.china-ex.com

Note: This certificate is only valid for 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). 登录网站 输入数码 查询防伪 2209 1437 1857 2352





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# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

- The designation code is made up as follow:  
\*\*60C\*50\*EU  
The first and second \* indicates YL, YA, FL  
The third \* indicates the voltage rating (D= 24Vd.c.; L=115Va.c.; N=230Va.c.)  
The fourth \* indicates the lens colour.
- Electrical data for YL60C Audible/Visual Alarm:
  - 24Vd.c., 570mA
  - 115Va.c., 200mA
  - 230Va.c., 100mA

Electrical data for YA60C Audible Alarm:

  - 24Vd.c., 350mA
  - 115Va.c., 110mA
  - 230Va.c., 55mA

Electrical data for FL60C Visual Alarm:

  - 24Vd.c., 220mA
  - 115Va.c., 90mA
  - 230Va.c., 45mA
- Ex marking: Ex d IIB + H2 T4/T6 Gb, Ex tD A21 IP66 T135°C/T85°C  
T4/T135°C:  $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ , when provided with a 5J, 10J, 20J xenon where applicable  
T6/T85°C:  $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ , when provided with a 5J xenon where applicable
- The equipment incorporated flameproof joints which have a maximum gap less than that stated in the standard GB3836.2. The user must ensure that the diametric clearance associated with the spigot joint at each end cover does not exceed 0.064mm and that the gap between the face of each end cover and the body does not exceed 0.038mm.
- For replacement purposes the end cover fixing screws shall be of minimum grade A4-80 stainless steel.

Director

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2021-03-30

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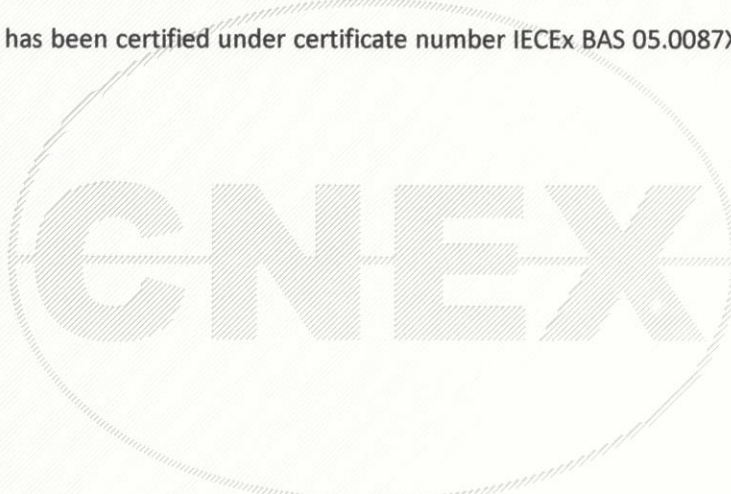
Certificate number: CNEEx20.5076X



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# Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

- The cable entry device shall be suitably sealed to maintain the IP66 rating.
- The equipment is intended to be so mounted that it operates with the horn cover orientated upwards.
- Due to the lens, horn cover and trumpet materials presenting a possible electrostatic risk, and therefore to obviate the risk of creating an ignition source, a warning label is fixed externally to the enclosure indicating that these should be cleaned only with a damp cloth.
- This product has been certified under certificate number IECEx BAS 05.0087X, issue 8, dated on 2018-04-17.



Director

Date:

2021-03-30

Valid until:

2026-03-29



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