



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 防爆面板安装按钮

型号规格 8003/1.1-...-.-.-, 8003/1.3-...-.-.-

防爆标志 Ex db eb IIC T6 Gb, Ex tb IIIC T80°C Db

产品标准 --

总装图号 80 030 22 00 0

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/T 3836.1-2021 《爆炸性环境 第 1 部分:设备 通用要求》
- GB/T 3836.2-2021 《爆炸性环境 第 2 部分:由隔爆外壳“d”保护的的设备》
- GB/T 3836.3-2021 《爆炸性环境 第 3 部分:由增安型“e”保护的的设备》
- GB/T 3836.31-2021 《爆炸性环境 第 31 部分:由防粉尘点燃外壳“t”保护的的设备》

记事:见附页 (共 2 页)。

中心主任

颁发日期

2023年10月11日

本证有效期

2023年10月11日至2028年10月10日



南阳防爆电气研究所
 国家防爆电气产品质量检验检测中心



公众号



国家防爆

防爆合格证 (附页)

共 2 页 第 1 页

1. 本产品已取得 IECEx 认证, 证书号: IECEx PTB 06.0065X, issue1, 2012-01-26 颁发。
2. 型号含义:

面板安装按钮 8003/abc-defg-h-i	
a	1=设计序号
b	触点电路 1=常开触点-常闭触点/NO-NC 2=常闭触点-常闭触点/NC-NC 3=常开触点-常开触点/NO-NO 4=常闭触点-常开触点/NC-NO
c	连接方式 1=笼式端子 3=电缆引出
d, e, f, g, h, i	与防爆保护无关的数字或字母

3. 电气参数:

额定绝缘电压	不高于 550V				
额定工作电压	不高于	60V	110V	500V	500V
额定电流 Ie	最大	6A	1A	6A	6A
使用类别		DC-13	DC-13	DC-15	DC-12
如果满足接通和分断能力, 则可接受上述额定值以外的额定值, 并将由制造商根据操作模式、使用类别等进行限定。					
触点	2 常闭 (强迫常闭) 2 常开 1 常开 1 常闭				
导体规格	0.75-1.5mm ²				
环境温度	-55° C 至+60° C				

4. 外壳防护等级: IP65。

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编号：CNEx23.5346X

防爆合格证 (附页)

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5. 特殊使用条件:

- 面板安装按钮的后端安装应提供机械保护,以避免承受 GB/T 3836.1-2021 第 26.4.2 条规定的冲击能量。
- 用于面板安装按钮的连接电缆(尾端引出线)的安装,应提供永久布线和充分保护,使产品免受机械损坏。

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防爆合格证

Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY



国家防爆

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

Product Push button for panel mounting

Type 8003/1.1-...-... , 8003/1.3-...-... .

Marking Ex db eb IIC T6 Gb, Ex tb IIIC T80°C Db

Standard(s) --

Drawing No. 80 030 22 00 0

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

- GB/T3836.1-2021 Explosive atmospheres - Part 1: Equipment - General requirements
- GB/T 3836.2-2021 Explosive atmospheres - Part 2: Equipment protection by flameproof enclosures "d"
- GB/T3836.3-2021 Explosive atmospheres - Part 3: Equipment protection by increased safety "e"
- GB/T3836.31-2021 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Note:
See Annex (2 pages in total).

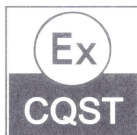
Director

Date:

2023-10-11

Valid until:

2028-10-10



NANYANG EXPLOSION PROTECTED ELECTRICAL APPARATUS RESEARCH INSTITUTE

南阳防爆电气研究所
国家防爆电气产品质量检验检测中心

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

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Note: This certificate is only valid for products which are identical with the sample(s) tested and verified. Holder of this certificate has the responsibility to ensure the products comply with relevant standards.

防爆合格证 (附页)**Electrical Apparatus for Explosive Atmospheres
CERTIFICATE OF CONFORMITY**

Page 1 of 2

1. This product has been IECEx certified, certificate No. IECEx PTB 06.0065X, issue 1, dated on 2012-01-26.

2. Nomenclature:

Push button for panel mounting	Type	8003/abc-defg-h-i
a	1: Design	
b	Contact circuitry	
	1: NO contact - NC contact / NO-NC	
	2: NC contact - NC contact / NC-NC	
	3: NO contact - NO contact / NO-NO	
	4: NC contact - NO contact / NC-NO	
c	Type of connection	
	1: Cage clamp	
	3: Plug	
d, e, f, g, h, i	numerals or letters without influence to explosion-protection	

3. Electrical Data:

Rated insulation voltage	up to	550 V			
Rated operation voltage	up to	60 V	110 V	500 V	500 V
Rated current Ie	max.	6 A	1 A	6 A	6 A
Utilisation category		DC-13	DC-13	AC-15	AC-12

Provided the making and breaking capacities are met, rated values other than those specified above are acceptable and will be defined by the manufacturer on the basis of the operating mode, utilisation category, etc.

Contacts	2 NC (positive NC) 2 NO 1 NO and 1 NC
Conductor size	0.75 to 1.5 mm ²
Ambient temperature	-55 °C to +60 °C

Director



Date: 2023-10-11

Valid until: 2028-10-10



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Electrical Apparatus for Explosive Atmospheres CERTIFICATE OF CONFORMITY

4. Ingress Protection: IP65.

5. Specific conditions of safety use:

- The rear end of the push button for panel mounting shall be installed so as to provide for mechanical protection against impact energy in accordance with GB/T 3836.1-2021, section 26.4.2.
- The connecting cable (open ended line) of the push button for panel mounting shall be installed to provide for permanent wiring and adequate protection against mechanical damage.

Director

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Valid until: 2028-10-10



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