



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312309000441

Applicant	GAI-Tronics (A Division of Hubbell Limited)
Address	Brunel Drive, Stretton Business Park, Burton-Upon Trent, Staffordshire, DE13 0BZ, United Kingdom
Manufacturer	GAI-Tronics (A Division of Hubbell Limited)
Address	Brunel Drive, Stretton Business Park, Burton-Upon Trent, Staffordshire, DE13 0BZ, United Kingdom
Production Factory	GAI-Tronics (A Division of Hubbell Limited)
Production Address	Brunel Drive, Stretton Business Park, Burton-Upon Trent, Staffordshire, DE13 0BZ, United Kingdom
Product	E+IS Access Panels
Model/Type	AP1, AP2, AP5 & AP7
Ex marking	Ex ib IIB T4 Gb
Reference Standards	GB3836.1-2010, GB 3836.4-2010

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (2 pages)

Issued on: 2021-01-15

Valid to: 2026-01-14

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



Nanyang Explosion Protected Electrical Apparatus Research Institute Co.,Ltd.



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CN 0000443



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION (Annex)

No.: 2020312309000441

Page 1 of 2

Product information:

1. This certificate covers the following models:

- AP1, AP2, AP5 & AP7

The cable parameters for the data connections and the audio connections are not calculated here as the effect of the external barriers would have to be taken into account.

Models AP1, AP2 and AP5

Connector TB4 – System A or B Power Input

$U_i = 28V$, $I_i = 93mA$, $P_i = 0.65W$, $C_i = 0$, $L_i = 0$, $U_o = 0$, $I_o = 0$

Connector TB3

Not for use in a hazardous area.

Connector TB2 – System A or B Data Connections

$U_i = 7.5V$, $I_i = 750mA$, $P_i = 1.41W$, $C_i = 0$, $L_i = 0$, $U_o = 9.2V$, $I_o = 93mA$, $P_o = 0.65W$

Connector TB1 – System A or B Audio Connections

$U_i = 7.5V$, $I_i = 750mA$, $P_i = 1.41W$, $C_i = 0$, $L_i = 0$, $U_o = 4.5V$, $I_o = 18mA$, $P_o = 4mW$

Model AP7

Connector TB4 – System A Power Input

$U_i = 28V$, $I_i = 93mA$, $P_i = 0.65W$, $C_i = 0$, $L_i = 0$, $U_o = 0$, $I_o = 0$,

Connector TB3

Not for use in a hazardous area.

Connector TB2 – System A Data Connections

$U_i = 7.5V$, $I_i = 750mA$, $P_i = 1.41W$, $C_i = 0$, $L_i = 0$, $U_o = 9.2V$, $I_o = 93mA$, $P_o = 0.65W$

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Page 2 of 2

Connector TB1 – System A Audio Connections

$U_i = 7.5V$, $I_i = 750mA$, $P_i = 1.41W$, $C_i = 0$, $L_i = 0$, $U_o = 4.5V$, $I_o = 18mA$, $P_o = 4mW$

Connector TB8 – System B Power Input

The parameters for this connector are identical to those for TB4.

Connector TB7

The parameters for this connector are identical to those for TB3.

Connector TB6 – System B Data Connections

The parameters for this connector are identical to those for TB2.

Connector TB5 – System B Audio Connection

The parameters for this connector are identical to those for TB1.

Ex marking: Ex ib IIB T4 Gb

- Producers should organize production in accordance with the technical documents approved by the certification body.
- 2. Specific conditions of safety use:
 - Rated ambient temperature range: $-20^{\circ}C \sim +58^{\circ}C$.
 - Models AP1, AP2 and AP5 have non-metallic enclosures or parts of enclosures. These constitute an electrostatic hazard and must be cleaned only with a damp cloth.
 - See instruction manual for other information.
- 3. Certificate related report(s):
 - Type test report: CQST2011C023
 - Factory inspection report: CN2020Q010178
- 4. Certificate change information: None.

Issued on: 2021-01-15

Director:



Nanyang Explosion Protected Electrical
Apparatus Research Institute Co.,Ltd.





中国国家强制性产品认证证书

编号: 2020312309000441

委托人 Gai-Tronics (A Division of Hubbell Limited)
地址 Brunel Drive, Stretton Business Park, Burton-Upon Trent,
Staffordshire, DE13 0BZ, United Kingdom
生产者 Gai-Tronics (A Division of Hubbell Limited)
地址 Brunel Drive, Stretton Business Park, Burton-Upon Trent,
Staffordshire, DE13 0BZ, United Kingdom
生产企业 Gai-Tronics (A Division of Hubbell Limited)
生产地址 Brunel Drive, Stretton Business Park, Burton-Upon Trent,
Staffordshire, DE13 0BZ, United Kingdom
产品名称 E+IS 报警器控制板
型号规格 AP1、AP2、AP5、AP7
防爆标志 Ex ib IIB T4 Gb
依据标准 GB3836.1-2010, GB3836.4-2010

认证模式 型式试验+初始工厂检查+获证后监督

上述产品符合 CNCA-C23-01: 2019 《强制性产品认证实施规则 防爆电气》
和 CNEX-C2301-2019 《强制性产品认证实施细则 防爆电气》的要求。

产品相关信息见附页 (共 2 页)。

颁发日期 2021 年 01 月 15 日

有效期至 2026 年 01 月 14 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

主任:



南阳防爆电气研究所有限公司



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中国国家强制性产品认证证书 (附页)

编号: 2020312309000441

第 1 页 共 2 页

产品相关信息:

1、本证书覆盖产品如下:

- AP1、AP2、AP5、AP7

电气参数:

数据线和音频线的电缆参数未计入, 电缆参数对外部安全栅的影响必须考虑。

AP1、AP2、AP5 型报警器控制板本安参数:

连接器 TB4--系统 A 或 B 电源输入端: $U_i=28V$, $I_i=93mA$, $P_i=0.65W$, $C_i=0$, $L_i=0$,
 $U_o=0$, $I_o=0$

连接器 TB3: 不在危险区域使用

连接器 TB2--系统 A 或 B 数据连接: $U_i=7.5V$, $I_i=750mA$, $P_i=1.41W$, $C_i=0$, $L_i=0$,
 $U_o=9.2V$, $I_o=93mA$, $P_o=0.65W$

连接器 TB1--系统 A 或 B 音频连接: $U_i=7.5V$, $I_i=750mA$, $P_i=1.41W$, $C_i=0$, $L_i=0$,
 $U_o=4.5V$, $I_o=18mA$, $P_o=4mW$

AP7 型报警器控制板本安参数:

连接器 TB4--系统 A 电源输入端: $U_i=28V$, $I_i=93mA$, $P_i=0.65W$, $C_i=0$, $L_i=0$,
 $U_o=0$, $I_o=0$

连接器 TB3: 不在危险区域使用

连接器 TB2--系统 A 数据连接: $U_i=7.5V$, $I_i=750mA$, $P_i=1.41W$, $C_i=0$, $L_i=0$,
 $U_o=9.2V$, $I_o=93mA$, $P_o=0.65W$

颁发日期 2021 年 01 月 15 日

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第 2 页 共 2 页

连接器 TB1--系统 A 音频连接: $U_i=7.5V$, $I_i=750mA$, $P_i=1.41W$, $C_i=0$, $L_i=0$,
 $U_o=4.5V$, $I_o=18mA$, $P_o=4mW$

连接器 TB8--系统 B 电源输入端: 本安参数与 TB4 相同。

连接器 TB7: 本安参数与 TB3 相同。

连接器 TB6--系统 B 数据连接: 本安参数与 TB2 相同。

连接器 TB5--系统 B 音频连接: 本安参数与 TB1 相同。

防爆标志: Ex ib IIB T4 Gb

- 生产者应按照认证机构批准的技术文件组织生产。

2、安全使用条件:

- 使用环境温度: $-20^{\circ}C \sim +58^{\circ}C$ 。
- AP1, AP2, AP5 型报警器控制板的外壳材质为塑料或部分采用塑料部件, 存在静电危险, 清洁时必须用湿布。
- 其他见产品使用说明书。

3、证书关联报告:

- 产品型式试验报告: CQST2011C023
- 工厂检查报告: CN2020Q010178

4、证书变更信息: 无

颁发日期 2021 年 01 月 15 日

主任:



南阳防爆电气研究所有限公司



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