

防爆合格证

CQMTi24.0001X

生产者名称: BARTEC GmbH

生产者地址: Max-Eyth-Str. 16,97980 Bad Mergentheim, Germany

产品名称: 便携式扫描枪

系列/型号/规格: BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****,
BCS3608ex-IS corded 17-A1S*-1HP0/****

防爆标志: Ex ia ma op is IIC T4 Ga, Ex ia ma op is IIIC T135°C Da

上述产品经技术文件审查和样机检测,符合标准 GB/T 3836.1-2021、GB/T 3836.4-2021、GB/T 3836.9-2021、GB/T 3836.22-2017 的要求。

备注:

1. 本产品检测项目编号: HT23-111。
2. 电气参数详见附件。
3. 设备的特殊使用条件详见附件。

发证日期: 2024年01月26日

有效期至: 2029年01月25日

签发人: _____



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一、型号说明:

17	-	A	1	S	*	-	*	*	*	*	/	*	*	*	*
A		B	C	D	E		F	G	H		I	J	K	L	

	代码	说明
A	Basic range	17 Code number Electronic device of category 2
B	Product range	A Data capture
C	Category	1 Ex II category 2/Div 1
D	Product	S Handscanner-BCS36*8ex IS -Series
E	Certificate	1 Class I Div 1 2 Class I,II,II Div 1 3 Zone 1/21 4 Zone 1/Div 1
F	Data connection	1 BCS36*8 ^{ex} IS (corded) 2 BCS36*8 ^{ex} IS (cordless) BT
G	Scan Engine	HP 2D High performance HD 2D High density(same hardware as "HP") ER 2D Long Range(same hardware as "HP") DP 2D DPM(same hardware as "HP")
H	Battery	0 None 1 With battery(only Bluetooth variant)
I/J/ K/L	00=Release/Customer variation	Number or letter for characteristics without influence on the explosion protection

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二、电气参数:

1. BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****

锂电池: 3.6 V / 2800 mAh / 10.08 Wh 型号 17-A1Z0-0012

防爆相关附件:

通用电源模块 3678ex-IS Type 17-A1Z0-0019

HMI 电源模块 Ex i 3678ex-IS Type 17-A1Z0-0028

电池 (3.6 V / 2800 mAh) Type 17-A1Z0-0012

皮套 Type 17-A1Z0-0024

非防爆相关附件:

IS 编程电缆 Type 17-A1Z0-0020

基站 Type 17-A1Z0-0014

四槽充电器 Type 17-A1Z0-0013

RS232 连接电缆 Type 17-A1Z0-0026

RS232 连接电缆 Type 17-A1Z0-0027

2. BCS3608ex-IS corded 17-A1S*-1HP0/****

电源模块 3608ex-IS Type 17-A1Z0-0018

HMI 电源模块 Ex i Type 17-A1Z0-0025

防爆相关附件

电源模块 3608ex-IS Type 17-A1Z0-0018

HMI 电源模块 Ex i Type 17-A1Z0-0025

普通连接电缆 Type 17-A1Z0-0015

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普通连接电缆	Type 17-A1Z0-0016
盘形连接电缆	Type 17-A1Z0-0017
皮套	Type 17-A1Z0-0024
非防爆相关附件： IS 编程电缆	Type 17-A1Z0-0020

三、设备的特殊使用条件：

1. BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****

- 1) 严禁在危险场所更换电池或充电。在危险场所时应确保电池盖关闭且固定。
- 2) 编程只能在已确认的非危险区域进行。
- 3) 应确保设备免受永久紫外线、高静电产生等高能量冲击。
- 4) 应遵守《快速入门指南》。
- 5) 非防爆关联装置不得用于危险区域。

2. BCS3608ex-IS corded 17-A1S*-1HP0/****

- 1) 严禁在带电情况下在危险场所连接和断开电源端的电缆。确保金属安全锁扣已闭合并拧紧。
- 2) 编程只能在已确认的非危险区域进行。
- 3) 应确保设备免受永久紫外线、高静电产生等高能量冲击。
- 4) 应遵守《快速入门指南》。
- 5) 非防爆关联装置不得用于危险区域。BCS3608ex-IS 便携式扫描枪只能与通

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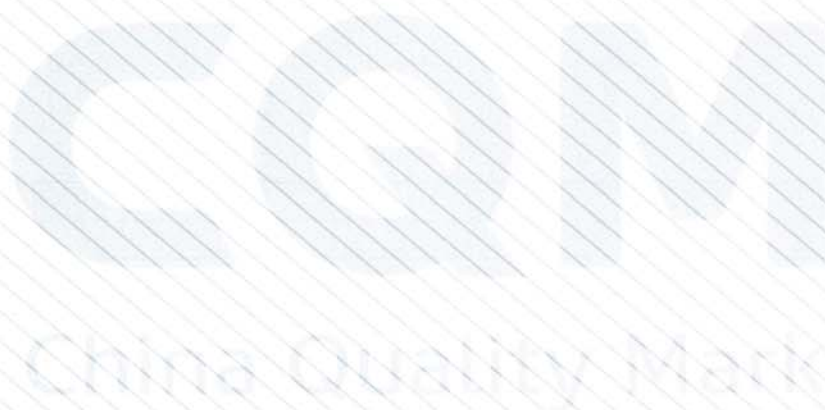
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用电源模块 17-A1Z0-0018 或 17-A1Z0-0025 一起使用。

3. 使用环境温度：-20~+50°C。
4. 防护等级：IP64。



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Certificate of Conformity

CQMTi24.0001X

Manufacturer: BARTEC GmbH
Address: Max-Eyth-Str. 16,97980 Bad Mergentheim, Germany
Equipment: Hand-held scanner
Type /Model: BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****
BCS3608ex-IS corded 17-A1S*-1HP0/****
Ex-Marking: Ex ia ma op is IIC T4 Ga, Ex ia ma op is IIIC T135°C Da

The samples have been verified in accordance with following standards by document inspection and testing: GB/T 3836.1-2021、GB/T 3836.4-2021、GB/T 3836.9-2021、GB/T 3836.22-2017.

Remarks:

1. Project number:HT23-111.
2. Refer to the annex for electrical parameters.
3. Refer to the annex for the special conditions of safe use.

Date of issue: 2024-01-26

Date of expiry: 2029-01-25

签发人: _____



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1. Type Code

Type no.	17	-	A	1	S	*	-	*	*	*	*	/	*	*	*	*	
Key no.	A		B	C	D	E		F		G		H		I	J	K	L

Key	Code number for:	Description
A	Basic range	17 Code number Electronic device of category 2
B	Product range	A Data capture
C	Category	1 Ex II category 2/Div 1
D	Product	S Handscanner-BCS36*8ex IS -Series
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2. Electrical Parameter:

2.1 BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****

2.1.1 Battery powered LI-ION : 3.6 V / 2800 mAh / 10.08 Wh Type
17-A1Z0-0012

2.1.2 Ex-relevant accessories:

Universal supply module 3678ex-IS	Type 17-A1Z0-0019
HMI supply module Ex i 3678ex-IS	Type 17-A1Z0-0028
Battery (3.6 V / 2800 mAh)	Type 17-A1Z0-0012
Leather holster	Type 17-A1Z0-0024

2.1.3 Non-Ex-relevant accessories:

Programming cable IS	Type 17-A1Z0-0020
Base Station	Type 17-A1Z0-0014
4 slot battery charger	Type 17-A1Z0-0013
Connecting cable RS232	Type 17-A1Z0-0026
Connecting cable RS232	Type 17-A1Z0-0027

2.2 BCS3608ex-IS corded 17-A1S*-1HP0/****

2.2.1 Powered by supply modules 3608ex-IS Type 17-A1Z0-0018
Powered by HMI supply module Ex i Type 17-A1Z0-0025

2.2.2 Ex-relevant accessories:

Universal supply module 3608ex-IS	Type 17-A1Z0-0018
Powered by HMI supply module Ex i	Type 17-A1Z0-0025
Connecting cable (plain)	Type 17-A1Z0-0015

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Connecting cable (plain)

Type 17-A1Z0-0016

Connecting cable (coiled)

Type 17-A1Z0-0017

Leather holster

Type 17-A1Z0-0024

2.2.3 Non-Ex-relevant accessories:

Programming cable IS

Type 17-A1Z0-0020

3. Specific Condition Of Safe Use:

3.1 BCS3678ex-IS Bluetooth 17-A1S*-2HP1/****

Battery shall only be changed or charged in an area known to be non-hazardous. Ensure that the battery cover is closed and locked in hazardous locations.

Programming shall only be done in an area known to be non-hazardous. The device shall be protected against impacts with high impact energy, against permanent UV-light and high electrostatic charge generating processes.

The Quick-Start-Guide shall be observed.

The non-Ex-relevant accessories may not be used in hazardous areas.

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3.2 BCS3608ex-IS corded 17-A1S*-1HP0/****

Do not connect or disconnect the connecting cable unless power has been switched off or the area is known to be non-hazardous. Ensure that the metal safety lock plate is closed and screwed tight.

Programming shall only be done in an area known to be non-hazardous.

The device shall be protected against strong impacts, against permanent UV light and high electrostatic charge generating processes.

The Quick-Start-Guide shall be observed.

The non-Ex-relevant accessories may not be used in hazardous areas.

The BCS3608ex-IS hand held scanner may only be used with the Universal Supply Module Type: 17-A1Z0-0018 or 17-A1Z0-0025.

3.3 Ambient temperature range: -20~+50°C.

3.4 Degree of protection of enclosure: IP64.

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