

安装指南

系统管理器
类型 **AK-SM 800A 系列**



AN307930531782zh-000201

CE FC **UL** ^{US} Listed

UL 文档: E31024
61B5
NEC 规定的 Class 2 或 LPS。
电源连接应使用 16 AWG 或更大线规的
电缆, 额定温度至少为 75 °C (167 °F)。
只能使用铜导体。
1 类机箱防护等级
FCC ID : X02SPB209A
IC ID : 8713A-SPB209A
CMIIT ID : 2021AJ8491 (AK-SM 820A)
2021AJ8486 (AK-SM 850A)
2020AJ8467 (AK-SM 880A)

EAC

-10 °C < t_{amb} < 50 °C
14 °F < t_{amb} < 120 °F
0 – 95% RH, 无冷凝
IP20

面板安装

正面

43 mm
1 5/8"

280 mm
11"

220 mm
8 3/4"

T8

壁式安装

175 mm
9 7/8"

246 mm
9 11/16"

T10

T11

100 - 240 V AC
继电器 1/2
Canbus
以太网 0
MODBUS 1/2
LON / TP78

电源

100 – 240 V AC

1 2 3
L N

继电器 1

5 6 7

继电器 2

8 9 10

Canbus

CAN bus
15 16 17
L H

(备用)

LON-版本

MODBUS 1
20 21 22
A⁺ B⁻

MODBUS 2
28 29 30
A⁺ B⁻

LON
34 35 36
A⁺ B⁻

TP 78-version

MODBUS 1 (Danfoss)
20 21 22
A⁺ B⁻

MODBUS 2 (RS485)
23 24 25
A⁺ B⁻

TP 78 LON 1
28 29 30
A⁺ B⁻

TP 78 LON 2
31 32 33
A⁺ B⁻

TP 78 LON 3
34 35 36
A⁺ B⁻

TP 78 LON 4
37 38 39
A⁺ B⁻

数据通信电缆的实际安装必须符合“ADAP-KOOL® 制冷控制器之间的数据通信”文内所述的要求。

文献编号 = [RC8AC901](#) (丹麥語)

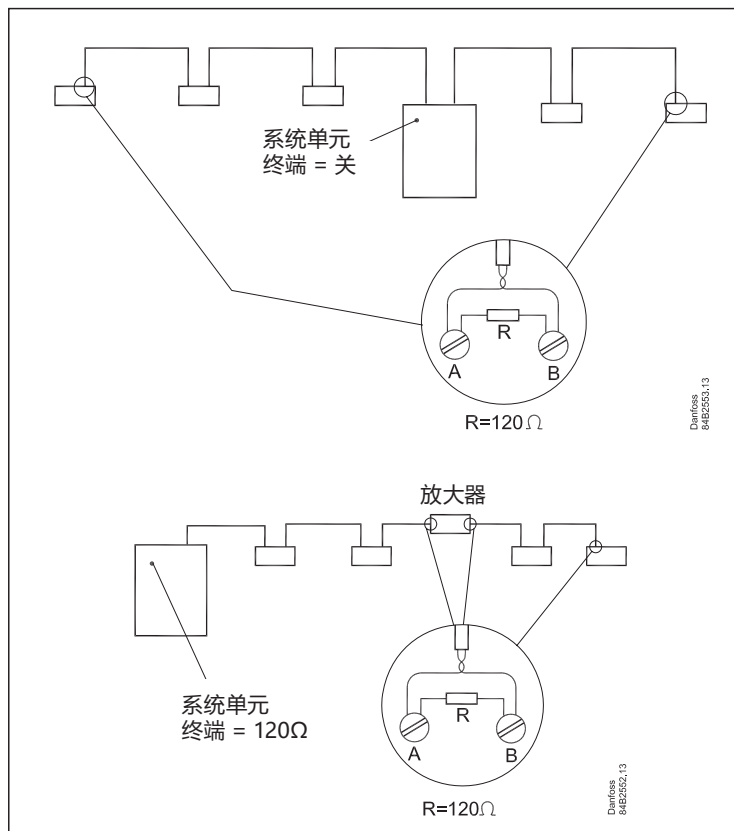
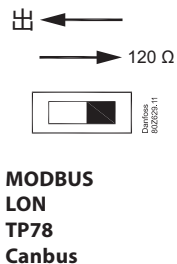
[RC8AC902](#) (英語)

[RC8AC903](#) (德語)

[RC8AC904](#) (法國人)

[RC8AC907](#) (瑞典)

终端



所有电缆安装至各不同单元后, 必须对电缆进行端接。

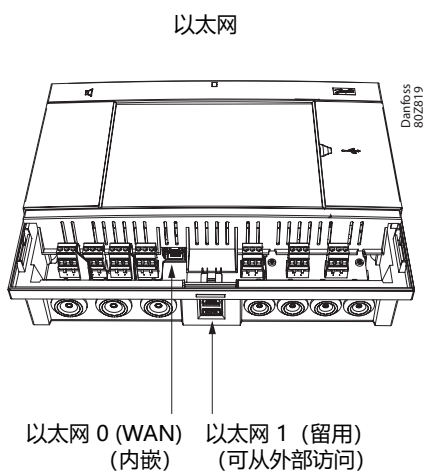
电缆两端的截面都必须端接。截面端接可采用外部电阻器或干接点。具体请参考相关设备。

中继器通常可端接两个电缆截面。

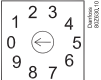
端接采用的电阻器应为 120-ohm (100 – 130 ohm 范围内均可)。

中继器可端接两个电缆截面。

连接



首次启动
AK-SM 820A
AK-SM 850A
AK-SM 880A

地址  0 = 主
1 - 9 = 从

初始设置:



1. 法律条款
2. 选择本地屏幕的显示语言
3. 设置用户
4. 设置日期/时间
5. 选择单元
6. 设置通信
7. 确认完成

配置

参见用户指南: [BC316842192932en-001001](https://www.danfoss.com/zh-cn/literature/BC316842192932en-001001)

重要信息!



方法 1: 离线

下载固件:

ak-sm800a.danfoss.com



方法 2: 在线

使用 Web 界面的软件更新工具。

Statements for the AK-SM 800A

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved could void your authority to use this equipment

This device complies with Part 15 of the FCC Rules. Operation to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

INDUSTRY CANADA STATEMENT

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTICE

FCC COMPLIANT NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications: Any modifications made to this device that are not approved by Danfoss may void the authority granted to the user by the FCC to operate this equipment.

Any regulatory related concerns contact: global_approvals@danfoss.com

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EU CONFORMITY NOTICE

Hereby, Danfoss A/S declares that the radio equipment type AK-SM 800A is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.danfoss.com

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