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Wiser by SE app



CCT5010-0001_AS

Wiser

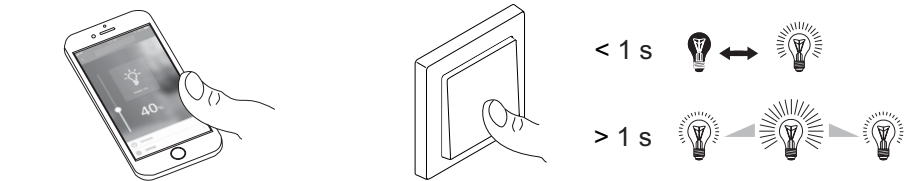
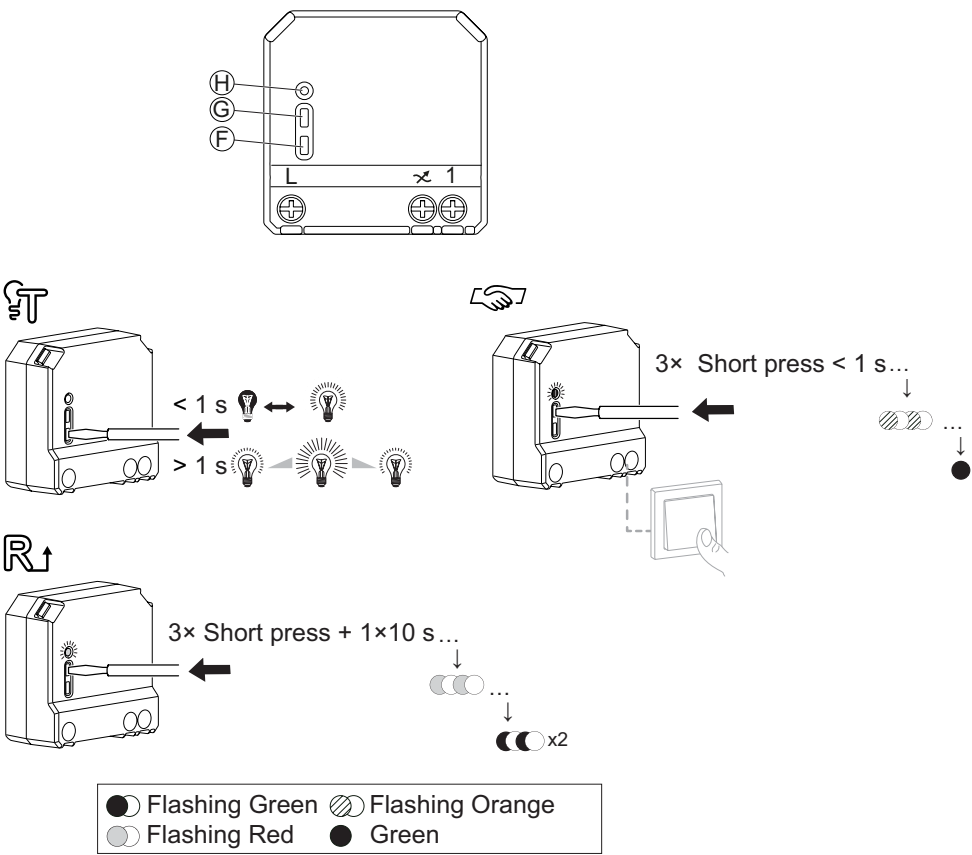
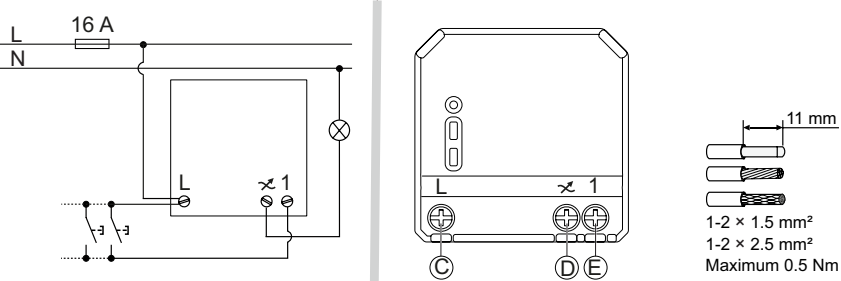
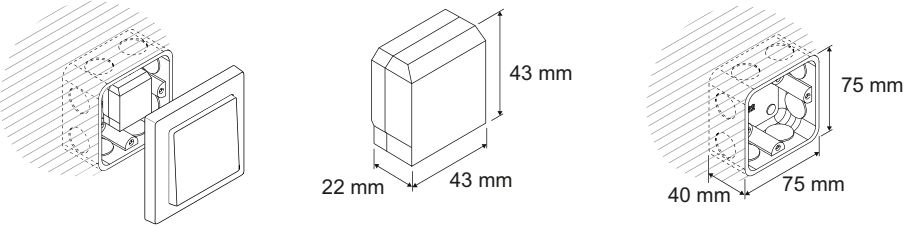
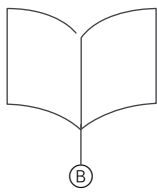
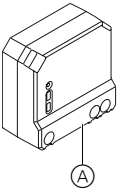


Works with Wiser Hub CCT501900. Refer to system user guide for more information: https://download.schneider-electric.com/files?p_Doc_Ref=MFR1569800



LED	5-100 VA	▲RC
	5-20 VA	▲RL
	14-200 W	▲R
	14-150 VA	▲L

	14-150 W	▲R
	14-200 VA	▲C



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Wiser 1 Gang Micro Module Dimmer

CCT5010-0001_AS

For your safety



RISK OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- This product must only be installed and serviced by appropriately qualified and/or licenced electrical personnel.
- This product must only be used for the purpose described in these instructions and must be installed in accordance with the wiring rules and regulations in that location.
- Observe the regulations while working on live parts.
- Isolate the electrical supply before doing any work on this product.
- Ensure that the product has been correctly installed and tested for safe operation before reconnecting the electrical supply.

Failure to follow these instructions will result in death or serious injury.

Prerequisites

Scan the QR code to download the Wiser by SE app onto your smartphone to configure and control the Wiser 1 Gang Micro Module Dimmer.



App Store URL: <https://itunes.apple.com/us/app/wiser-by-se/id1026806919?is=1&mt=8>



Google Play Store URL: <https://play.google.com/store/apps/details?id=com.schneiderelectric.WiserBySE>

Getting to know the product

The Wiser 1 Gang Micro Module Dimmer (the *module*) is used to switch and dim the ohmic, inductive, or capacitive loads. The module is actuated through the Wiser by SE app.

The module must not be used to control safety relevant applications.

Control options

Home control: To control the module in through the Wiser by SE app, you will need the Wiser Hub.

On-site operation: The module can always be controlled directly on-site. To do this, you can connect a maximum of 10 mechanical momentary switches.

Functions

- Automatic load detection
- Thermal protection, overload-resistance, short-circuit protection
- Soft start/stop
- Adjusting minimum/maximum brightness (with app)
- Setting the LED operating mode manually (with app)
- Setting the switch-on brightness or memory function (with app).

Package contents

- (A) Wiser 1 Gang Micro Module Dimmer
- (B) Installation instructions

Choosing the installation location

- If placing the module behind a mechanical momentary switch, use a deep installation box.
- To reduce thermal dissipation, reduce the load.

Load reduced by	When installed
0%	In a standard flush-installation mounting box
25%	In cavity walls* Several installed in combination*
30%	In a 1-gang or 2-gang surface-mounted housing
50%	In a 3-gang surface-mounted housing

* If more than one factor applies, add load reductions together.

Connection elements

- (C) Live conductor
- (D) Dimmer output
- (E) Extension unit input 1

Mounting the module



HAZARD OF ELECTRIC SHOCK

- Make sure that the terminal connection area does not come in contact with the metallic parts of any device installed in the same location.
- Do not short the outputs to neutral.

Failure to follow these instructions will result in death or serious injury.



EQUIPMENT DAMAGE

- Always operate the product in compliance with the specified technical data.
- Never connect any mixed inductive/capacitive loads.
- Connect only dimmable loads.
- Do not use dimmable socket outlets.

Failure to follow these instructions can result in injury or equipment damage.

Connecting the module



RISK OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- When working on the device, always disconnect the device from the power supply, as the output may carry electrical current even when the load is switched off.
- Turn off the Miniature Circuit Breaker (MCB) before installation, maintenance, or service (or replacement of the load) of the device.

Failure to follow these instructions will result in death or serious injury.

Operating elements

- (F) Test button
- (G) Setup/Reset button
- (H) Status LED

Setting the module

Testing the module

Before commissioning the module or connecting the mechanical momentary switches, you can test the basic functions.

Connecting to the Wiser Hub

Short press the Setup/Reset button 3 times with a time interval of <1 s to connect to the available mesh network. Upon successful connection to the Wiser Hub, the status LED turns green.

Resetting the module

Short press the Setup/Reset button 3 times of <1 s and then long press the Setup/Reset button once for >10 s and <15 s to reset the module to factory default mode.

All configuration data, user data, and network data is deleted. After which:

- No connectivity to other devices
- No timer settings
- Memory function is active
- Automatic load detection is active, RC mode is set
- No limitation to dimming range.

Operating the module

You can remotely control the Wiser 1 Gang Micro Module Dimmer through the Wiser by SE app.

Behaviour of the status LED

Refer to the system user guide.

Troubleshooting

Refer to the system user guide.

Technical data

Operating voltage	220 VAC to 240 VAC, 50/60 Hz
Power rating	↔ W
Dimming channel	1
Standby	< 0.4 W
Operating Temperature	0°C to 35°C
Neutral conductor	Not required
Terminal capacity	1.5 mm ² to 2.5 mm ² (14 AWG to 13 AWG), solid or stranded types
Extension units	Maximum 10 mechanical momentary switches, 220-240 VAC
Length of all cable sections	Maximum 50 m for 3-wire NYM cable
MCB protection	16 A circuit breaker
IP rating	IP20
Frequency band	2.4 GHz
Transmission capacity	Maximum 2.5 mW
Product Dimensions (H W D)	43 x 43 x 22 mm
Wall box Dimensions (H W D)	75 x 75 x 40 mm The wall box must have minimum 40 mm depth.
Standards	EN 60669-2-5 IEC 60669-2-5
Certification	CE compliant

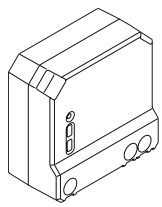
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Wiser by SE app



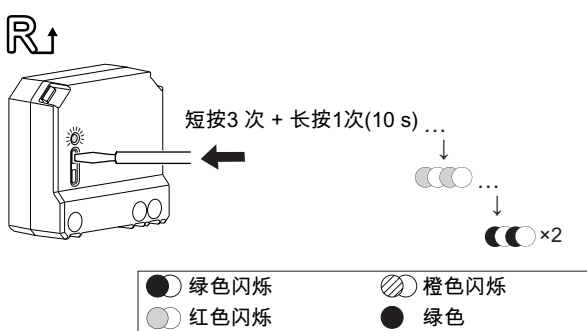
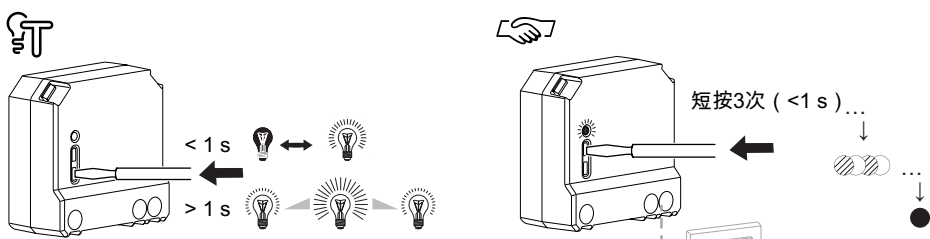
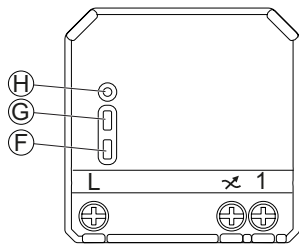
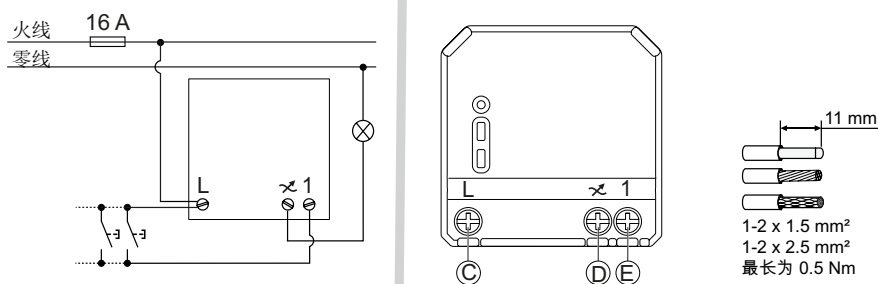
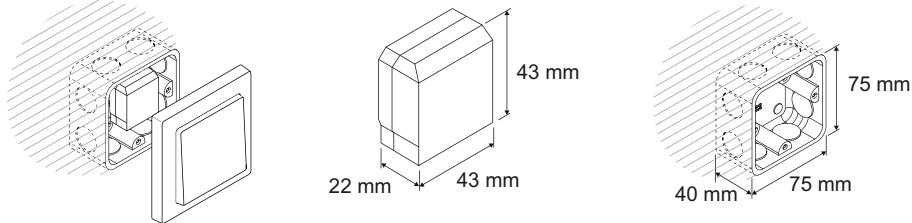
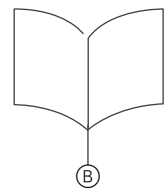
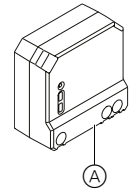
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Wiser

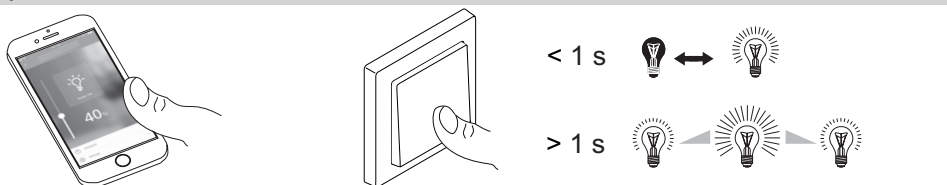


LED	5-100 VA	▲RC
	5-20 VA	▲RL
	14-200 W	▲R
	14-150 VA	▲L

	14-150 W	▲R
	14-200 VA	▲C



● 绿色闪烁	● 橙色闪烁
● 红色闪烁	● 绿色



智能单联调光模块

CCT5010-0001_AS

安全提示

危险

触电，爆炸或电弧闪光危险

- 本产品应仅由具有相应资质和/或获得相应证书的电气人员进行安装和维护。
- 本产品应仅用于本说明书中所述的用途，且必须根据接线规则和当地法规进行安装。
- 操作带电部件时请遵守相关规则。
- 对产品进行任何操作之前，务必切断电源。
- 重新连接电源之前，本产品必须正确安装且经过测试，确保操作的安全性。

若不遵守此说明，则可能会导致死亡或重伤。

前提条件

扫描二维码下载 Wiser by SE app 到您的智能手机，以配置和安装智能单联调光模块



App Store 的 URL: <https://itunes.apple.com/us/app/wiser-by-se/id1026806919?is=1&mt=8>



Android 的 URL: <https://www.schneider-electric.cn/zh/product-range-download/65750-绎尚无线智能家居#/software-firmware-tab>

产品简介

智能单联调光模块（本模块）专用于开关电阻，电感或电容负载，并对其进行调光。此模块可以通过 Wiser by SE app 控制。

此模块不得用于控制安全相关的应用。

控制选项

家居控制：当使用 Wiser by SE app 开控制此模块时，需要使用智能ZB/IP网关

现场操作：此模块可以被直接连接的机械自复位开关控制，可以连接最多10个机械开关。

功能

- 自动检测负载
- 热保护，过载电阻，短路保护
- 软启动/停止
- 调整最小/最大亮度（通过 app）
- 手动设置 LED 操作模式（通过 app）
- 设置负载亮度记忆功能（通过 app）

包装内容

- 智能单联调光模块
- 安装说明书

选择安装位置

- 如果将模块安装在机械自复位开关背面，请使用深墙盒。
- 减少散热，减少负载。

负载降额百分比	安装位置
0%	标准的暗装式墙盒
25%	空心墙内* 多个设备组合安装*
30%	在1联或2联的表面安装的墙盒
50%	在3联的表面安装的墙盒

*当有多个因素的时候，需要将负责降额百分比相加

连接元件

- 火线接点
- 调光输出接点
- 外部控制端口

安装模块

危险

触电危险

- 确保接线端子的接线区没有与在同一安装区域的其他任何产品的金属部件相接触。
- 请勿将负载输出端和零线短接。

若不遵守此说明，则可能会导致死亡或重伤。

注意

设备损坏

- 请始终根据指定的技术数据操作产品。
- 切勿连接任何电感/电容混合型负载。
- 仅连接可调光负载。
- 不要使用可调光插座。

若不遵守此说明，则可能会导致人员受伤或设备损坏。

连接模块

危险

触电，爆炸或电弧闪光危险

- 当在设备上操作时，请务必断开设备电源连接，因为即使是在负载关闭的情况下，在输出端也可能会有电流。
- 请在切断断路器（MCB）后再对设备执行安装，维护或维修（或负载更换）等操作。

若不遵守此说明，则可能会导致死亡或重伤。

操作元件

- 测试按键
- LED 状态灯
- Setup/Reset 按键

设置模块

测试模块

在配置或者连接机械自复位开关之前，可以对基本功能进行测试。

与智能ZB/IP网关连接

短按 Setup/Reset 按键 3 次，时间间隔<1S 以连接到可用的网状网络。成功连接到智能ZB/IP网关后，LED 状态灯变为绿色。

重置模块

短按 Setup/Reset 按键 3 次，时间间隔<1S 随后长按 Setup/Reset 按键一次适用于 >10 s - <15 s，即可将模块重置为出厂默认模式。

所有配置数据，用户数据和网络数据均被删除。之后会出现下列情况：

- 与其他设备无连接
- 计时器设置消失
- 记忆功能激活
- 负载自动检测功能激活，设置为 RC 模式
- 调光范围无限制。

操作模块

可以通过 Wiser by SE app 远程控制智能单联开关模块。

LED 状态灯的行为

请参阅系统用户指南。

故障排除

请参阅系统用户指南。

技术参数

工作电压	220 VAC - 240 VAC, 50/60 Hz
额定功率	↔ LED 5-100 W
调光通道	1
待机功耗	< 0.4 W
工作温度	0°C ~ 35°C
零线	不要求
接线能力	1.5 mm ² - 2.5 mm ² (14 AWG - 13 AWG), 实芯线和多股绞线
扩展连接	最多支持 10 个机械的220-240VAC自复位开关
所有线缆部分的长度	3 根 NYM 线缆最长为 50 m
MCB 保护	16 A 断路器
IP 等级	IP20
频段	2.4 GHz
传输能力	最大为 2.5 mW
墙盒尺寸 (H×W×D)	43 x 43 x 22 mm
暗线槽尺寸 (H×W×D)	75 x 75 x 40 mm 墙盒的深度至少为 40 mm。
标准	符合 EN 60669-2-5 标准 符合 IEC 60669-2-5 标准
认证	符合 CE 标准

部件名称 Part Name	有害物质					
	铅 Pb	汞 Hg	镉 Cd	六价铬 Cr(VI)	多溴联苯 PBB	多溴二苯醚 PBDE
金属件 Metal parts	x	o	o	o	o	o
塑胶件 Plastic parts	o	o	o	o	o	o
电子件 Electronic	x	o	o	o	o	o
触点 Contacts	o	o	o	o	o	o
线缆和线缆附件 Cables and cabling accessories	o	o	o	o	o	o

本表格依据 SJ/T11364 的规定编制。

o: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

x: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

This table is made according to SJ/T 11364.

o: indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.

x: indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.

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