en

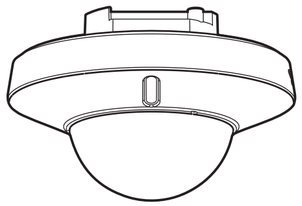
Schneider Electric

USER MANUAL

ARGUS Presence Wide Sense - 2ch

Art. no.
CCT551003

ARGUS



INSTRUCTION MANUAL

TECHNICAL SPECIFICATIONS

Rated voltage 220 - 240 V~, 50/60 Hz

Load	Load Ⅰ (L') for Lighting:	μ
	Incandescent Lamp:	Max. 2000W
	HV Halogen Lamp:	Max. 1000W
	LV Halogen Lamp: Fluorescent Lamp:	Max. 1000VA W Max. 900VA
	LED Lamp:	Max. 100W
	Energy Saving Lamp (CFL):	Max. 100W
	Load Ⅱ (D1-D2) for HVAC (Lux is invalid):	
	Relay rating:	Max. 5A (cosφ=1), 250V AC
	Motor load:	Max. 100W
Auto Off Timer Adjustment	Time 1 (for lighting): Adjustable from approx. 10sec to 30min, Test & 1s Time 2 (for HVAC): Adjustable from approx. 10sec to 60min and 5s	
Lux Adjustment	Adjustable from approx. 10Lux to 2000Lux	
Detection Range	360° circular, up to Φ30m at height of 2.5m	
Environmental Protection	Class Ⅱ IP40 (Flush mount with power box cap and European standard junction box) IP52 (Surface mount with junction box)	

Safety Warning

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

Safe electrical installation must be carried out only by skilled professionals. Skilled professionals must prove profound knowledge in the following areas:

- Connecting to installation networks
- Connecting several electrical devices
- Laying electric cables
- Safety standards, local wiring rules and regulations
- Cut off the input circuit and tag it before accessing the wiring connections.

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

1 PACKAGE CONTENTS

Pattern				
Item	Detector	Screw Φ3 x 16mm	Lens shield	Manual
Quantity	1	2	3	1

Pattern				
Item	Junction box	Non-dropping screw Φ3×15mm	Wood screw Φ4 × 25.4mm	Power box cap
Quantity	1	4	2	1

● **Accessories for optional purchase**

Pattern	
Item	IR remote controller SAE-UE-MS-IR-WE
Quantity	1

2 PRODUCT DESCRIPTION

The detector is a ceiling mount presence detector for lighting automation control. User can pre-set the desired Lux and Time values by VR or IR setting for automatic control lighting on / off with low initial cost and great energy saving potential. It can be widely used in home, warehouse, open office, conference room, class-room, library, corridor, etc.

2.1 Features

- Available in various mounting methods, e.g. surface mount and flush mount both applicable, and can be fitted into the European standard junction box.
- Automatic sensitivity adjustment function: The sensitivity of detector will be raised after the load is switched on to reduce false-off problem, and after the load is switched off, sensitivity returns to the normal condition for standby mode.
- To enlarge the detection range by connecting the slave detector to master detector, max. 10pcs slave detectors can be connected.
- Dual loads – One for controlling lighting device and one voltage free contact for controlling the HVAC (heating, ventilation and air conditioning).
- A red LED is equipped as an indicator for test triggering and IR setting.
- IR remote controller for easy and quick settings (Optional purchase).
- The ambient Lux value can be read-in as the threshold for switching on / off the loads by IR if the pre-set Lux value does not match user's requirement.
- The accessories Junction box & Power box cap can be optionally purchased according to actual mounting requirement.

2.2 Dimension

- Φ110 x 70mm (See FIG.1-A)

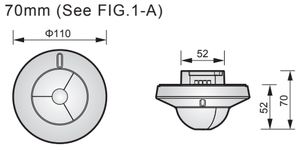


FIG.1-A

- **Detector with power box cap**
(See FIG.1-B)

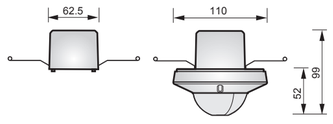


FIG.1-B

- **Detector with junction box**
(See FIG.1-C)

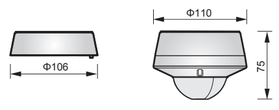


FIG.1-C

3 INSTALLATION AND WIRING

3.1 Select a proper location

3.1.1 The detector can be installed at the height of 2 - 3m, it's recommended to install it at the height of 2.5m to gain the optimal detection pattern, the detection range can reach up to the diameter of 30m and 360° detection angle (See FIG.2).

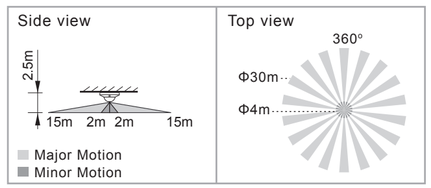


FIG.2

3.1.2 Pay attention to the walking direction in the test proceeding. It is more sensitive to movement across the detector and less sensitive to movement directly toward to detector which will reduce the detection coverage (See FIG.3).

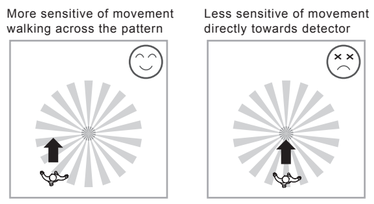


FIG.3

3.1.3 Helpful tips for installation

Since the detector is in response to temperature change, please avoid the following conditions (See FIG.4-A & FIG.4-B):

- Avoid aiming the detector toward the objects which may be swayed in the wind, such as curtain, tall plants, miniature garden, etc.
- Avoid aiming the detector toward the objects whose surfaces are highly reflective, such as mirror, monitor, etc.
- Avoid mounting the detector near heat sources, such as heating vents, air conditioning, vents as dryers, lights, etc.

FIG.4-A

FIG.4-B

3.2 Function

3.2.1 The function of R/S terminal

3.2.1.1 Terminal of R/S and push button (N.O.) can be series connected to control load's on / off manually. (case 1: on → off; case 2: off → on). While pressing push button (≤1sec):

Case 1: Manual off switching (Lux settings is invalid):
If the lighting is under on mode, it can be manually switched off.
If the lighting is switched off manually by pressing (≤1sec) the push button (activate the manual off mode), it keeps off even the detector is triggered.
If the room is vacant for a longer period (switch off delay time elapsed), the manual off status (= manual off mode) is deactivated, then the detector backs to the last setting mode before entering into manual off mode.
If the device is in the manual off mode, the second press on the push button activates the manual on mode.

Case 2: Manual on switching (Lux settings is invalid):
If the lighting is under off mode, it can be manually switched on.
If the lighting is switched on manually by pressing (≤1sec) the push button (activate the manual on mode), it keeps on while the detector is triggered constantly, and it turns off when no movement detected and the switch off delay time elapsed, and the detector backs to the last setting mode before entering into manual on mode.
If the device is in the manual on mode, the second press on the push button activates the manual off mode.

3.2.2 ON / OFF delay function

According to the changeable ambient light level, detector can postpone load's delay time of turning on and off to avoid load's unnecessarily turning on or off due to rapid ambient light change:

Ambient light level changes from bright to dark: If the ambient light level keeps be lower than the preset Lux value for 10sec, the light will be automatically switched on after 10sec. (LED will be on 10sec for indication)

Ambient light level changes from dark to bright: If the ambient light level continuously exceeds the switch off Lux value for 5min, there are different reactions according to the time setting value.
Time setting 5min, the light will be automatically switched off after 5min.
Time setting < 5min, the light will be automatically switched off when the set time reached if no movement is detected during the 5min. But if there is movement detected within the 5min, the time will be reset upon detection and until 5min later, the light is switched off.

3.2.3 Auto sensitivity adjustment function

To raise the sensitivity of detector after load is switched on can reduce the possibility of false-off problem. When the load is on, the sensitivity of detector will be raised automatically. When the load is off, the sensitivity of detector will return to normal standby condition.

3.3 Wiring

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK

Dangerous voltage is present at the wiring terminals.
• To avoid injury, lock out and tag the supply circuit before installation.
• A circuit breaker (250 V AC, 10 A) Type C must be installed according to EN60898-1.

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

3.3.1 Normal operation (See FIG.5)

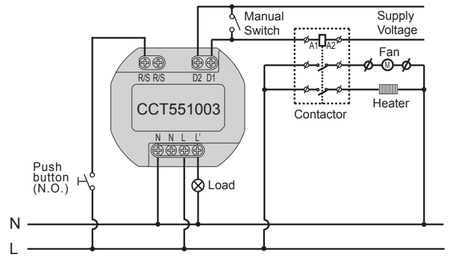


FIG.5

3.3.2 Staircase timer switch controlled by one detector (Time should be set to 1s, see FIG.6)

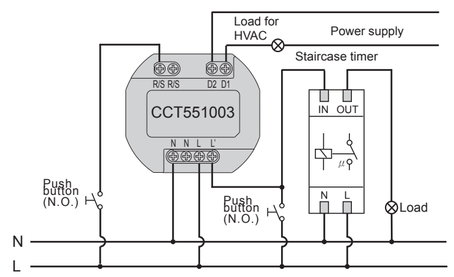


FIG.6

3.4 Installation procedure

3.4.1 Flush mount with European standard junction box

3.4.1.1 Take off decorative frame of the detector, then take the detector head apart from power box by unscrew its 4pcs non-dropping screws (See FIG.8).

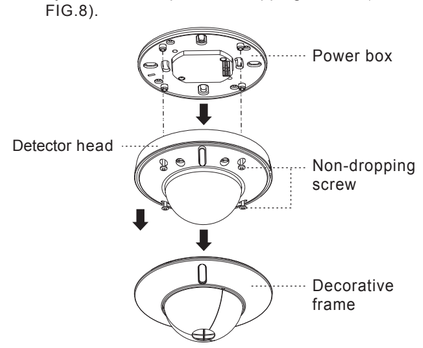


FIG.8

3.4.1.2 Pull out AC power cables from European standard junction box (See FIG.9), then strip off 6 - 8mm of cable sheathing for wiring .

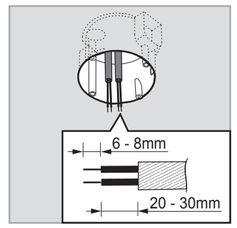


FIG.9

3.4.1.3 Fix the power box into European standard junction box with 2pcs screws (See FIG.10).

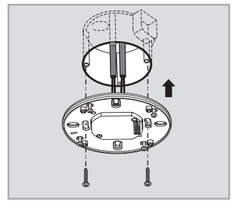


FIG.10

3.4.1.4 Fix the detector head on power box by inserting its four non-dropping screws into the corresponding screw holes, then cover up the decorative frame (See FIG.9).

3.4.1.5 Restore the power supply.

3.4.2 Flush mount with power box cap

3.4.2.1 To install detector, please drill a hole with diameter of 65mm on ceiling board and keep the power cable outside. Please strip off 6 - 8mm of cable sheathing for wiring (See FIG.11).

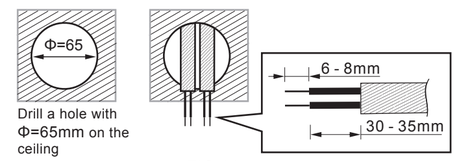


FIG.11

3.4.2.2 Use screwdriver to break the rubber gasket on Power box cap, then feed cables through it (See FIG.12).

3.4.2.3 Please refer to illustration of FIG.5 - FIG.6 for correct wiring and then screw the Power box cap tightly.

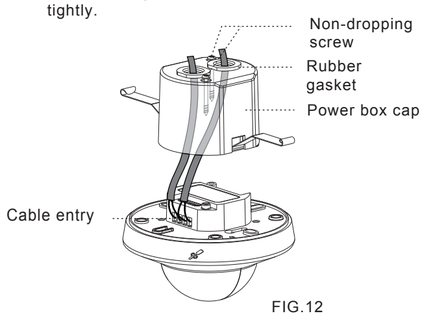


FIG.12

3.4.2.4 Close up detector's two spring clips and insert detector into the drilled hole on ceiling (See FIG.13).

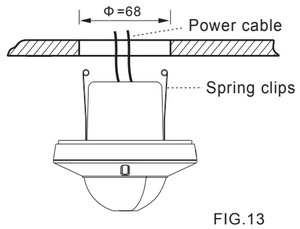


FIG.13

3.4.2.5 Restore the power supply.

3.4.3 Surface mount with junction box

3.4.3.1 There are 4 pairs of knockouts with various distances from 41mm to 85mm on the bottom cover of combined junction box can be selected for different mounting applications (See FIG.14-A). Select two same figures on both ends for the corresponding distance for fixing (See FIG.14-B).

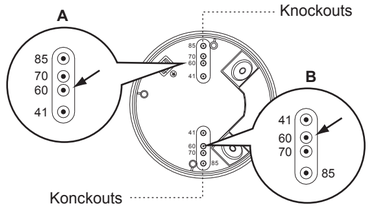


FIG.14-A

NO.	A	B	The distance between A and B
1	41	41	41mm
2	60	60	60mm
3	70	70	70mm
4	85	85	85mm

FIG.14-B

3.4.3.2 To feed AC power cables through the side of junction box, please use the cutting pliers to break the cable entry knockouts on the side of junction box, then insert cables into junction box and feed through it. Strip off 6 - 8mm of cable sheathing for wiring (See FIG.15).

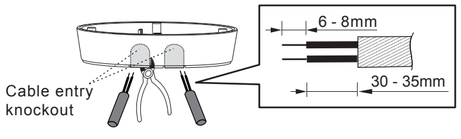


FIG.15

3.4.3.3 Choose proper knockouts to fix the junction box on the surface of ceiling board with 2pcs wood screws attached with rubber washer (See FIG.16).

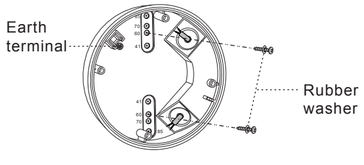


FIG.16

3.4.3.4 Insert 4pcs non-dropping screws to the corresponding screw holes on detector's fixing plate, and those 4pcs screws will not drop off to provide convenience to the subsequent installations (See FIG.17).

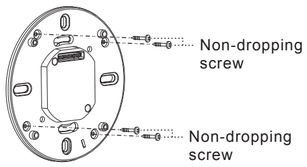


FIG.17

3.4.3.5 Refer to wiring diagrams for correct wiring connection (See FIG.5 - FIG.6). There is a square hole in the fixing plate, when you put the fixing plate into the junction box, please fit the fillister to the junction box's protrusion (See FIG.18), then fix the detector head on the power box following FIG.8 and assemble them with the attached 4pcs non-dropping screws.

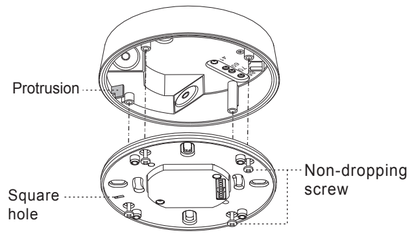


FIG.18

3.4.3.6 Cover up the detector's decorative frame and restore the power supply.

4 OPERATION AND FUNCTION

4.1 Lux, Time knobs

Knob	Function	Knob setting
 Lux	Set the light value for switching on load	Range: Approx. 10 to 2000Lux User can set the knob according to their requirement for application. The marked values are for reference only.
 Time1	Set delay off time for lighting	Range: Approx. 10sec to 30min Test: Test mode (Load and red LED will be 2sec on, 2sec off) 1s: Short impulse mode for staircase timer switch control (Load will be 1sec on, 9sec off)
 Time2	Set delay off time for HVAC	Range: Approx. 10sec to 60min (Reaction is regardless of Lux value) 5s: Short impulse mode for staircase timer switch control (Load will be 5sec on, 5sec off)

4.2 Usege of lens shield

4.2.1 The detector has supplied 3pcs lens shields to allow elimination of coverage in unwanted areas. Each lens shield has 3 layers, each layer includes 4 small units and each small unit can cover 30° detection area. For example, to install the detector at the height of 2.5m, the detection range can reach up to 1m diameter if the complete lens shields has been used, and up to 6m diameter if layer C has been cut, as well, up to 12m diameter if layer B also has been cut, the detection range can reach up to 30m diameter when no lens shield is used.

The whole lens shield is used.

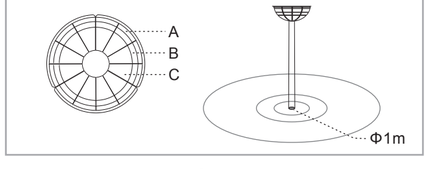
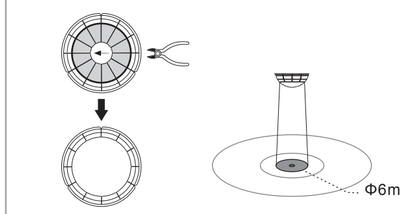
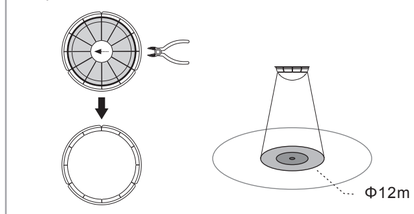


FIG.19-A

A & B layers of the lens shield are used.



A layer of the lens shield is used.



Part of the lens shield is used.

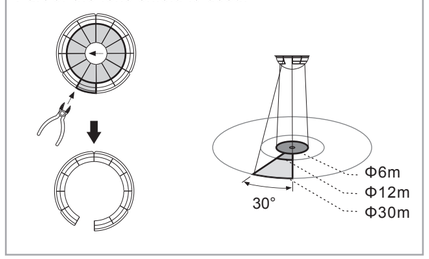


FIG.19-B

- The shadow part of the lens shields in the FIG.19-A & FIG.19-B is needed to be cut off.

4.2.2 Fixing lens shield: There is cicular hook on the back of the decorative frame and the lens shield is designed with a circular groove. The lens shiled can be fitted by joining the groove of lens shield with its corresponding hook on the decorative frame (See FIG.20-A & FIG.20-B).

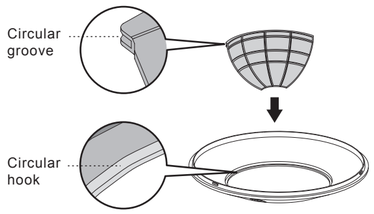


FIG.20-A

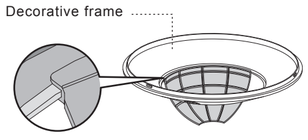


FIG.20-B

4.3 Walk test

The purpose of conducting the walk test is to check and adjust the detection coverage. Set Time knob to "Test", then conducting a walk test and Lux is disabled.

HINT

It takes approx. 60sec for detector to warm up after power is supplied, then enters into normal operation to carry out a walk test.

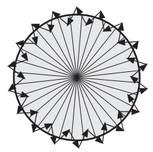


FIG.21

Test procedure

4.3.1 Tester must be within the detection coverage.
4.3.2 Switch power on.
4.3.3 CCT551003 takes approx. 60sec to warm up with load and LED on, then turns off after warming up time.
4.3.4 Walk from outside across to the detection pattern until LED turns on for approx. 2sec then off, the next trigger should be 2sec interval (See FIG.21).
4.3.5 Adjusting lens shield for desired detection range.

4.3.6 Repeat step 4.3.4 and 4.3.5 until it meets user's demands.

5 TROUBLE SHOOTING

When the detector works abmormally, please check assumptive problems and suggested solutions in following table that will hopefully to solve your problem.

Problem	Possible cause	Suggested solution
Lighting device does not turn on	1. Power does not turn on. 2. Wired incorrectly. 3. Lux knob adjusted incorrectly. 4. Malfunctioned load.	1. Switch on the power. 2. Refer to wiring diagrams for correct connection. 3. Check if Lux knob are set to the correct position. 4. Replace the disabled load with a new one.
Lighting device does not turn off	1. Auto off time is set too long. 2. Detector is nuisance triggered. 3. Wired incorrectly.	1. Set auto off time to a shorter time and check the load is switched off or not according to the pre-set off time. 2. Keep away from detection coverage to avoid activating detector while doing the test. 3. Make sure load and wires are connected correctly.
LED does not turn on	1. Time knob is not set to Test. 2. Exceeding the detection range.	1. Time knob must be located to Test position. 2. Walk in the effective detection range of 30m diameter.
Nuisance triggered	There are heat sources, highly reflective objects or any objects which may be swayed in the wind within the detection coverage.	Avoid aiming the detector towards any heat sources, such as air conditionings, electric fans, heaters or any highly reflective surfaces. Make sure there are no swaying objects within the detection coverage.

6 OPTIONAL ACCESSORY

6.1 It is strongly recommended to purchase the corresponding IR remote control SAE-UE-MS-IR-WE for easy and safe setting operations on the detector, and to own the "Lux learning" function to read-in the actual light level as threshold for switching the connected load.

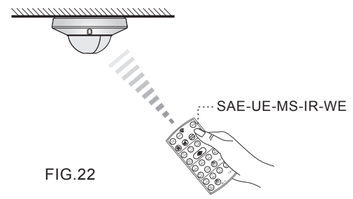


FIG.22

Schneider Electric Industries SAS

If you have technical questions, please contact the Customer Care Centre in your country.
schneider-electric.com/contact

NVE51503-00 07/2016

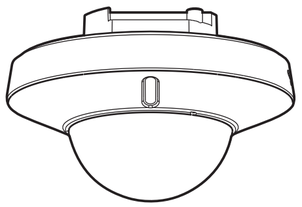
zh

Schneider Electric

用户手册
ARGUS 宽幅存在感应器 - 2ch

产品编号
CCT551003

ARGUS



使用手册

技术规格

额定电压 220 - 240 V, 50 Hz

负载	照明负载 Ⅰ(L')：	μ
	白炽灯：	最大 2000 W
	高压卤素灯：	最大 1000 W
	低压卤素灯： 荧光灯：	最大 1000 VA 最大 900 VA
	LED 灯：	最大 100 W
	节能灯 (CFL)：	最大 100 W
	HVAC 负载 ⅠⅠ(D1-D2)（亮度无效）：	
	继电器额定值：	最大 5 A (cosφ=1), 250 V AC
	电机负载：	最大 100 W
自动关闭定时器调节	时间 1（用于照明）：约 10 秒至 30 分钟内可调，测试和	
	时间 2（用于 HVAC）：约 10 秒至 60 分钟内可调	
亮度调节	约 10 Lux 至 2000 Lux 之间可调	
感应范围	360° 圆形，高度 2.5 m 时最大 Φ30 m	
环保	Ⅱ 级 IP40（用配电盒盖和欧洲标准接线盒进行齐平安装） IP52（用接线盒进行表面安装）	

安全警告

⚠⚠ 危险

触电、爆炸或电弧闪光危险

安全电气安装必须只能由熟练专业人员执行。熟练专业人员必须具有下列领域的知识：

- 与设备网络的连接
- 多个电气设备的连接
- 电缆的敷设
- 安全标准，当地接线规则和规章
- 接触电缆连接前，断开输入电路并进行标识。

不遵守这些说明会造成死亡或严重伤害。

1 交货范围

模式				
项	感应器	螺钉 Φ3 x 16 mm	镜头罩	手动
数量	1	2	3	1
模式			Rubber washer	
项	接线盒	防坠螺钉 Φ3 × 15 mm	木螺钉 Φ4 × 25.4 mm	电源盒盖
数量	1	4	2	1

● 选购附件

模式	
项	IR 遥控器 SAE-UE-MS-IR-WE
数量	1

2 产品说明

该感应器为用于照明自动控制的吸顶装存在感应器。通过 VR 或 IR 设置，用户可以预设自动控制照明打开/关闭的期望亮度值和时间值，初始成本低，
节能潜力大。其可广泛用于家庭、仓库、开放式办公区、会议室、教室、图书馆、走廊等。

2.1 特性

- 可采用多种安装方式，如同时适用表面安装和齐平安装，且可安装到欧洲标准接线盒中。
- 自动灵敏度调节功能：感应器的灵敏度会在负载打开后提高，以便减少误关闭问题，而负载关闭后，灵敏度会恢复到待机模式的正常情形。
- 要通过将副感应器与主感应器相连来扩大感应范围，最多可连接 10 个副感应器。
- 双负载 – 一个用于控制照明设备，一个无电压触点用于控制 HVAC（暖通空调系统）。
- 配有红色 LED，用于指示测试触发和 IR 设置。
- IR 遥控器，用于方便、快捷地进行设置（选购）。
- 如果预设的亮度值不符合客户的要求，IR 可以读取环境亮度值，作为打开/关闭负载的阈值。
- 可根据实际安装要求选购附件接线盒和配电盒盖。

2.2 尺寸

- Φ110 x 70 mm（见图 1-A）

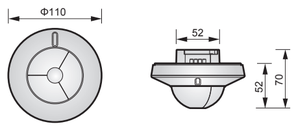


图 1-A

- 配有配电盒盖的感应器（见图 1-B）

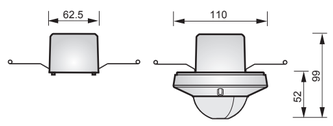


图 1-B

- 配有接线盒的感应器（见图 1-C）

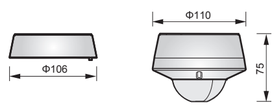


图 1-C

3 安装和接线

3.1 选择适当的位置

3.1.1 感应器可以安装在 2 - 3 m 高的位置，建议安装到 2.5 m 的高度以便取得最佳感应模式，感应范围可达到直径 30 m、360° 感应角度（见图 2）。

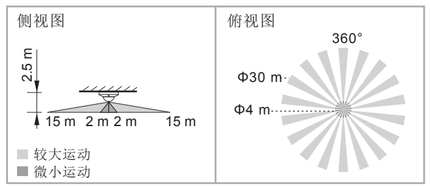


图 2

3.1.2 测试过程中注意行走方向。横向走过感应器时灵敏度较高，正对感应器时灵敏度较低，会降低检测范围（见图 3）。

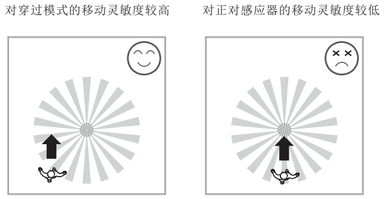


图 3

3.1.3 安装提示

由于感应器会响应温度变化，因此请避免以下情形（见图 4-A 和图 4-B）：

- 避免让感应器正对会随风摆动的物体，如窗帘、较高的植物、小型花园等。
- 避免让感应器正对具有强反射表面的物体，如镜子、监控器等。
- 避免将感应器安装到热源附近，如供暖通风口、空调、干燥器出风口、灯光等。

图 4-A

图 4-B

3.2 功能

3.2.1 R/S 端子的功能

3.2.1.1 R/S 和按键 (N.O.) 的端子可以串联，以便手动控制打开/关闭负载。
（情形 1：开 → 关；情形 2：关 → 开）。按下按键的同时 ≤ 1 秒）：

情形 1：手动关闭切换（亮度设置无效）：
如果照明处于打开模式，可以手动将其关闭。
如果照明通过按下（≤ 1 秒）按键手动关闭（激活手动关闭模式），则其将保持关闭，即使感应器被触发。
如果室内无人的时间较长（关闭延迟时间已过），则手动关闭状态（=手动关闭模式）失效，感应器在进入手动关闭模式前先恢复为上次的设置模式。
如果设备处于手动关闭模式，再次按下按键会激活手动打开模式。

情形 2：手动打开切换（亮度设置无效）：
如果照明处于关闭模式，可以手动将其打开。
如果照明通过按下（≤ 1 秒）按键手动打开（激活手动打开模式），则其在感应器被不断触发时会保持打开，并在未检测到移动且关闭延迟时间到期时关闭，而感应器会在进入手动打开模式前恢复为上次的设置模式。
如果设备处于手动打开模式，再次按下按键会激活手动关闭模式。

3.2.2 开/关延迟功能

根据可变环境光照，感应器可以推迟负载打开和关闭的延迟时间，以避免负载因环境光照的快速变化而不必要地打开或关闭。

环境光照由亮变暗：如果环境光照低于预设亮度达到 10 秒，则照明会在 10 秒后自动打开。（LED 将点亮 10 秒进行提示）

环境光照由暗变亮：如果环境光照持续超过关闭亮度值的时间小于或等于 5 分钟，则视时间设置值的不同而进行不同动作。
时间设置为 5 分钟，则照明会在 5 分钟后自动关闭。
时间设置 < 5 分钟，则如果在 5 分钟内未检测到移动，照明会在到达设置时间时自动关闭。但如果在 5 分钟内检测到移动，时间会在检测到移动时重置，再过 5 分钟后，照明将关闭。

3.2.3 自动灵敏度调节功能

负载打开后提高感应器的灵敏度，可以降低发生误关问题的几率。负载打开时，感应器的灵敏度将自动提高。负载关闭时，感应器的灵敏度将恢复至正常待机情形。

3.3 接线

⚠⚠ 危险

触电危险
接线端子上存在危险电压。
• 为避免发生伤害，进行安装前，应切断电源并进行标识。
• 必须根据 EN60898-1 安装断路器 (250 V AC, 10 A) C 型。

不遵守这些说明会造成死亡或严重伤害。

3.3.1 正常操作（见图 5）

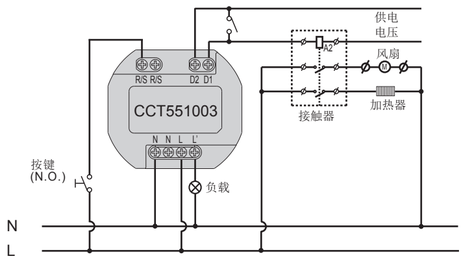


图 5

3.3.2 由一个感应器控制的楼梯定时器开关（定时器应设置为 ⎍1s⎿，见图 6）。

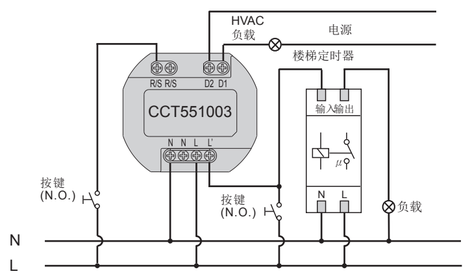


图 6

3.4 安装程序

3.4.1 用欧洲标准接线盒进行齐平安装

3.4.1.1 取下感应器的装饰性框架，然后拧下其 4 颗防坠螺钉，从而将感应器头从配电盒上取下（见图 8）。

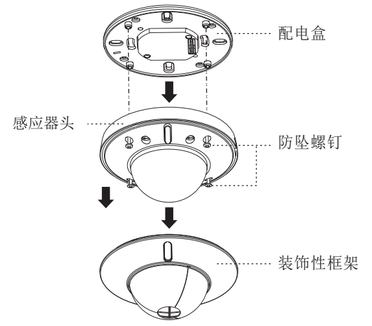


图 8

3.4.1.2 从欧洲标准接线盒中拉出 AC 电源线（见图 9），然后将电缆包皮剥开 6 - 8 mm 以便进行接线。

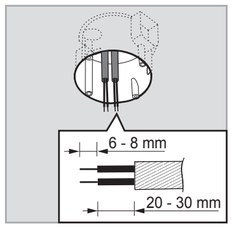


图 9

3.4.1.3 用 2 颗螺钉将配电盒固定到欧洲标准接线盒中（见图 10）。

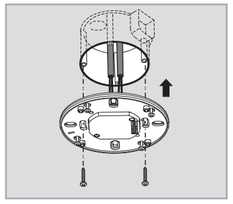


图 10

3.4.1.4 将感应器的四颗防坠螺钉插入相应的螺钉孔，以便将感应器头固定到配电盒上，然后盖上装饰性框架（见图 9）。

3.4.1.5 恢复供电。

3.4.2 与配电盒盖进行齐平安装

3.4.2.1 要安装感应器，请在天花板上钻出直径 65 mm 的孔，保持电源线在外部。请将电缆包皮剥开 6 - 8 mm（见图 11）。

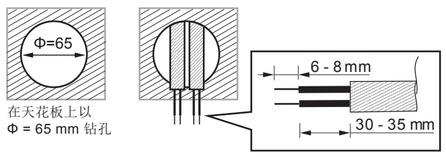


图 11

3.4.2.2 用螺丝刀戳破配电盒盖上的橡胶垫，然后插入电缆（见图 12）。

3.4.2.3 请参考图 5 - 图 6 的图示以便正确接线，然后挤紧配电盒盖。

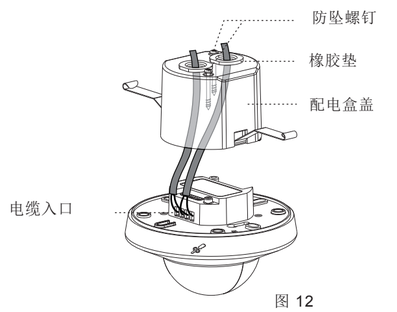


图 12

3.4.2.4 按住感应器的两个弹簧卡，并将感应器插入在天花板上钻的孔中（见图 13）。

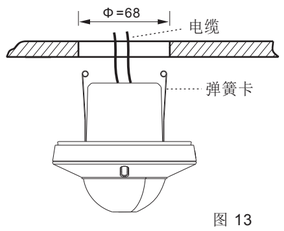


图 13

3.4.2.5 恢复供电。

3.4.3 用接线盒进行表面安装

3.4.3.1 组合式接线盒的底罩上有 4 对敲孔，间距从 41 mm 至 85 mm 不等，可选择用于不同的安装应用（见图 14-A）。在两端选择对应距离的相同数值以便于固定（见图 14-B）。

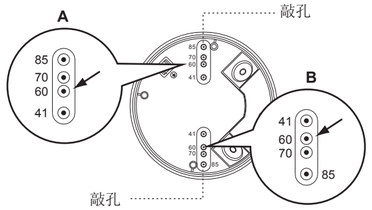


图 14-A

编号	A	B	A 与 B 之间的距离
1	41	41	41 mm
2	60	60	60 mm
3	70	70	70 mm
4	85	85	85 mm

图 14-B

3.4.3.2 要将 AC 电缆从接线盒侧面插入，请使用斜嘴钳剪开接线盒侧面的电缆入口的敲孔，然后将电缆插入接线盒并拉出。将电缆包皮剥开 6 - 8mm（见图 15）。

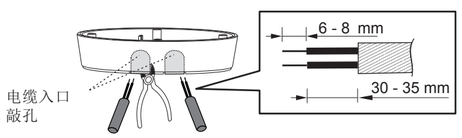


图 15

3.4.3.3 选择适当的敲孔，以便用配有橡胶垫的 2 颗木螺钉将接线盒固定到天花板表面上（见图 16）。

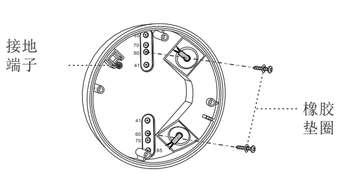


图 16

3.4.3.4 将 4 颗防坠螺钉插入感应器固定板上的对应螺钉孔，这 4 颗螺钉不会坠落，以便于后续安装（见图 17）。

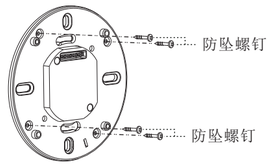


图 17

3.4.3.5 参考接线图，以便正确接线（见图 5 - 图 6）。固定板上有方形孔，将固定板放入接线盒时，请将凹槽对准接线盒的突起（见图 18），然后将感应器头按图 8 所示安装到配电盒上，再用已装上的 4 颗防坠螺钉完成组装。

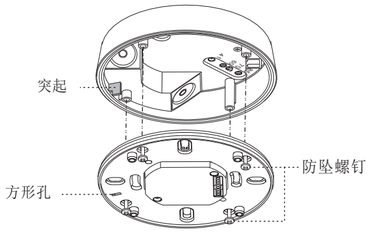


图 18

3.4.3.6 盖上感应器的装饰性框架并恢复供电。

4 操作和功能

4.1 亮度、时间旋钮

旋钮	功能	旋钮设置
	设置打开负载的亮度值	范围：约 10 至 2000Lux 用户可根据应用的需要设置旋钮。标注值仅供参考。
 时间 1	设置照明的延迟关闭时间	范围：约 10 秒至 30 分钟 测试：测试模式（负载和红色 LED 会打开 2 秒、关闭 2 秒） 1s：短脉冲模式，用于楼梯定时器开关控制（负载将打开 1 秒、关闭 9 秒）
 时间 2	设置 HVAC 的延迟关闭时间	范围：约 10 秒至 60 分钟 （反应不受亮度值影响） 5s：短脉冲模式，用于楼梯定时器开关控制（负载将打开 5 秒、关闭 5 秒）

4.2 使用镜头罩

4.2.1 感应器配有 3 个镜头罩，以避免覆盖不需要的区域。每个镜头罩有 3 层，每层含 4 个小型单元，每个小型单元覆盖 30° 感应区域。例如，在 2.5 m 高度处安装感应器时，如果使用了完整的镜头罩，感应范围最高可达 1 m 直径；如果将 C 层取下，最高可达 6 m 直径；如果再将 B 层取下，最高可达 12 m 直径；不使用镜头罩时，感应范围最高可达 30 m 直径。

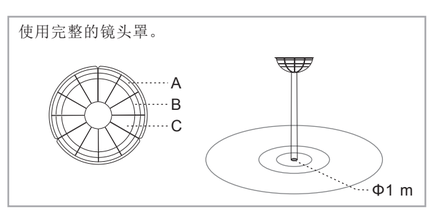


图 19-A

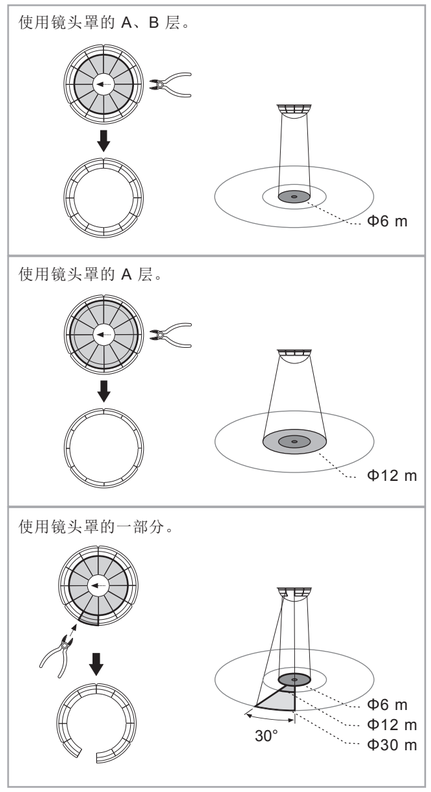


图 19-B

- 图 19-A 和 图 19-B 中镜头罩的阴影部分需要切断。

4.2.2 固定镜头罩：装饰性框架的后部有圆形钩子，而镜头罩则设计有环形槽。可以将镜头罩上的槽与装饰性框架的对应钩子相结合，从而固定镜头罩（见图 20-A 和图 20-B）。

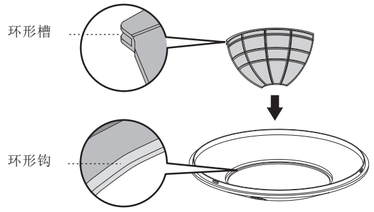


图 20-A

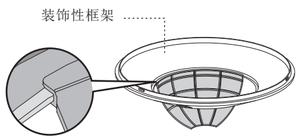


图 20-B

4.3 行走测试

进行行走测试的目的是检查并调节感应范围。将时间旋钮设置为“测试”，然后执行行走测试，亮度被禁用。

提示

电源接通后，感应器需要约 60 秒预热，然后进入正常运行以便进行行走测试。

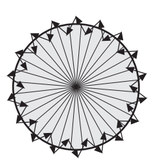


图 21

测试程序

4.3.1 测试人员必须在感应范围之内。
4.3.2 打开电源。
4.3.3 CCT551003 需要约 60 秒预热，负载和 LED 打开，然后在预热时间后关闭。
4.3.4 从外面横向直至感应模式处，直至 LED 打开约 2 秒后关闭，下一次触发应间隔 2 秒（见图 21）。
4.3.5 将镜头罩调节到需要的感应范围。

4.3.6 重复步骤 4.3.4 和 4.3.5，直至符合用户的要求。

5 故障排除

感应器工作异常时，请查看下表中的预计问题和建议的解决方案，以帮助您解决问题。

问题	可能的原因	建议的解决方案
照明设备不打开	1. 电源未接通。 2. 接线错误。 3. 亮度旋钮调节错误。 4. 负载发生故障。	1. 接通电源。 2. 参考接线图进行正确连接。 3. 检查亮度旋钮是否设置到正确的位置。 4. 用新负载更换发生故障的负载。
照明设备不关闭	1. 自动关闭时间设置得过长。 2. 感应器被误触发。 3. 接线错误。	1. 将自动关闭时间设置为较短的时间，并检查负载是否按照预设的关闭时间关闭。 2. 远离感应范围，以避免在测试期间激活感应器。 3. 确保负载和电缆的连接正确。
LED 不点亮	1. 时间旋钮未设置为“测试”。 2. 超过感应范围。	1. 时间旋钮必须位于“测试”位置。 2. 走到 30 m 直径的感应范围内。
误触发	感应范围内存在热源、强反射物或会随风摆动的的任何物体。	避免使感应器正对任何热源，如空调、电风扇、加热器或任何强反射表面。确保感应范围内不存在摆动的物体。

6 选配附件

6.1 强烈建议购买对应的 IR 遥控器 SAE-UE-MS-IR-WE，从而便捷、安全地对感应器进行设置操作，并取得“亮度学习”功能，以便读取实际亮度值，并将其作为切换所连接负载的阈值。

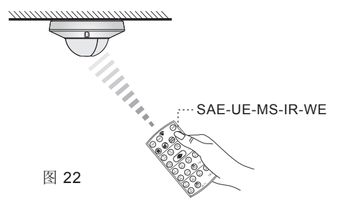


图 22

施耐德电子工业有限公司

如果有技术上的问题，请与您所在国家的客户服务中心联系。
schneider-electric.com/contact

NVE51503-00 07/2016