

MiniTouch

Programmable thermostat

User Manual



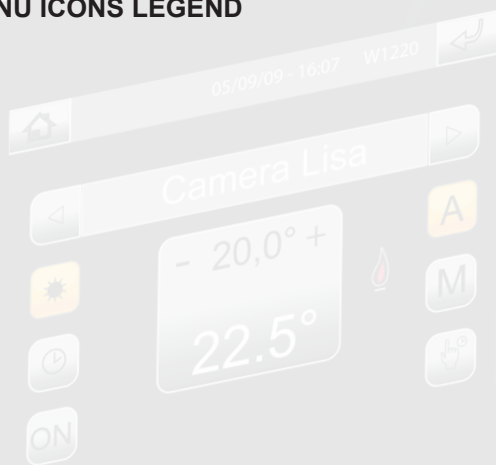
Opera
your home automation

 **SCAME**

 **Comelit**

INTRODUCTION

- ✓ **WARNINGS**
- ✓ **MINITOUCH MENU**
- ✓ **MAIN MENU ICONS LEGEND**



INTRODUCTION

WARNINGS

SCAME Parre S.p.A. declines any responsibility for improper use of the apparatus, for any alterations made by others for any reason, and for the use of non-original accessories or materials.

Caution! In order to reduce the risk of faults and electric shocks:

- Do not open the apparatus or carry out any repairs yourself. If necessary, request the services of qualified personnel.
- Do not insert objects or pour liquids into the device.
- Clean using a damp cloth. Do not use alcohol or other aggressive products.

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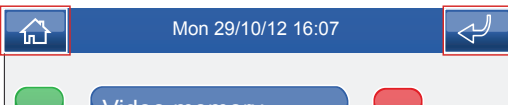
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MINITOUCH MENU

To access the main menu, press the screen.

To navigate the menu, simply use your finger to touch the icon corresponding to the desired function.



The  icon can be used to return to the main menu immediately.

The  icon can be used to return to the previous screen.

MAIN MENU ICONS LEGEND



All thermostats inactive



One or more thermostats active



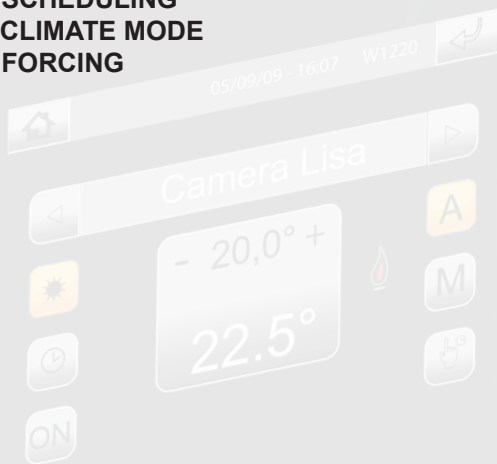
No scheduled scenario active




One or more scheduled scenarios active

CLIMATE

- ✓ CLIMATE MENU DESCRIPTION
- ✓ CLIMATE CONTROL
- ✓ CLIMATE SCHEDULING
- ✓ MANUAL CLIMATE MODE
- ✓ CLIMATE FORCING



CLIMATE MENU DESCRIPTION

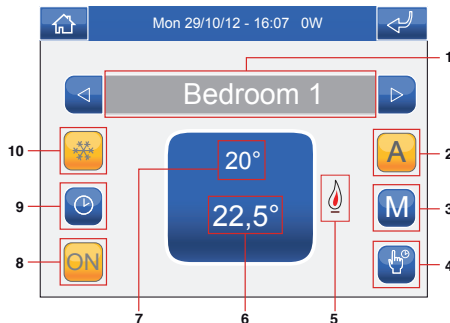
To access the Climate menu, press the  icon on the main menu screen.



- 1 Available areas.
- 2 Scroll through the screen (only when there are more than 4 programmed areas).
- 3 Area with timer-thermostat active.
- 4 Temperature recorded by the thermostat for the area.

CLIMATE CONTROL

Press the relevant icon in the climate menu (e.g. Bedroom 1).




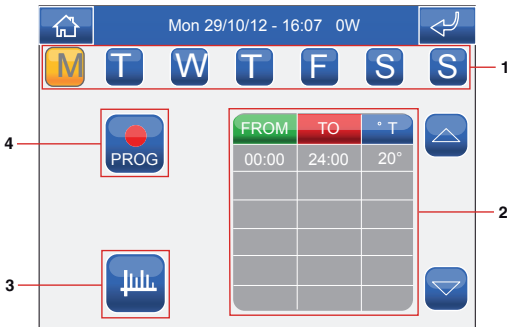
- 1 Area displayed.
- 2 Automatic mode.
- 3 Manual mode.
- 4 Manual forcing.
- 5 Boiler / air-conditioner on indicator.
- 6 Room temperature.
- 7 Current set temperature.
- 8 System activation / deactivation (the timer-thermostat switches off / on).
- 9 Climate scheduling menu.
- 10 Summer / winter mode selection.

 Summer: cooling


 Winter: heating

CLIMATE SCHEDULING

Press the  icon to access the scheduling menu for the climate control system in the relevant area. Function only available on monitors set as Master devices.

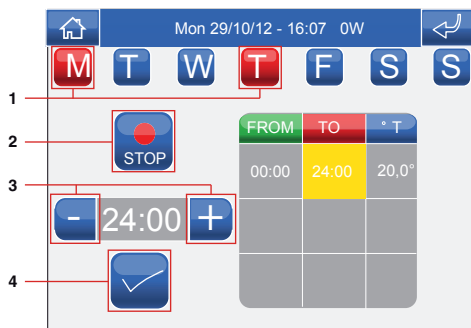


- 1 Days of the week.
- 2 List of logged programming.
- 3 Daily programming graphic.
- 4 Start procedure.



Press the  icon to access the programming screen.



NOTE: daily climate control programming must refer to the whole 24-hour cycle; any hours not programmed by the user will be set by the system automatically.



- 1 Days of the week selected.
- 2 Save.
- 3 Selector keys to modify time and temperature.
- 4 Confirm.

Select the days of the week for which you wish to program the activity (selected days will be highlighted in red), select the time or temperature to be adjusted and press + and – to increase or decrease the value. Every time you adjust a value, you must press the  icon to confirm. When you have finished, press the  icon to log the information.

MANUAL CLIMATE MODE

Press the **M** icon to set the climate to manual mode and use the + and – selectors to adjust the temperature of the room.



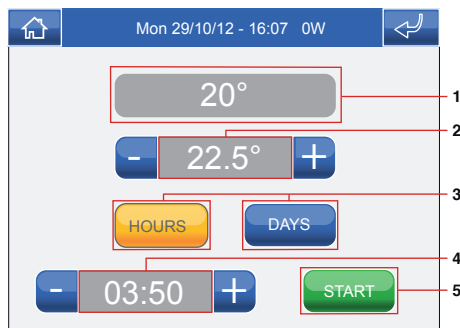
CLIMATE FORCING

If necessary, it is possible to force both automatic and manual programming for a set period of time (hours or days).

Once the forcing cycle has finished the system will revert to the mode set previously (Automatic or Manual).

Function only available for monitors set as Master devices.

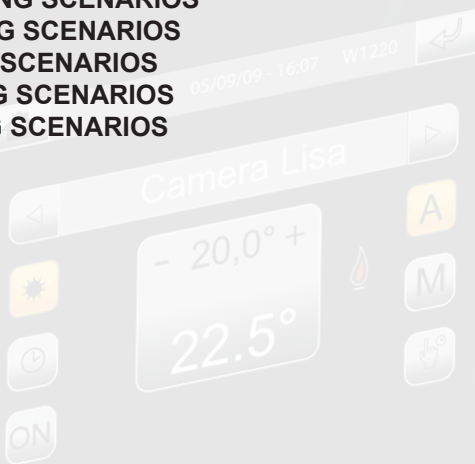
In the menu for the relevant area, press the **h** icon.



- 1 Current temperature.
- 2 Desired temperature.
- 3 Hours / days selectors.
- 4 Desired running time.
- 5 Start forcing mode.

SCENARIOS


- ✓ SCENARIOS MENU DESCRIPTION
- ✓ CREATING NEW SCENARIOS
- ✓ SCHEDULING SCENARIOS
- ✓ ACTIVATING SCENARIOS
- ✓ DELETING SCENARIOS
- ✓ MODIFYING SCENARIOS
- ✓ RENAMING SCENARIOS

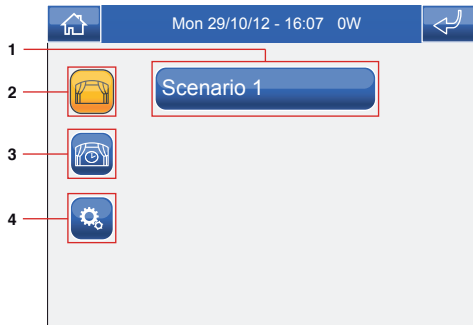


SCENARIOS MENU DESCRIPTION

The Minitouch system timer-thermostat controls 2 types of scenario.

- **One shot:** these must be activated manually and perform the function for which they were programmed every time they are activated.
- **Scheduled:** these are activated automatically in accordance with timed programming.

To access the Scenarios menu, press the  icon on the main menu screen.




- 1 Available scenarios.
- 2 One shot scenarios menu.
- 3 Scheduled scenarios menu.
- 4 Scenario settings menu.

CREATING NEW SCENARIOS

Access the Scenario settings menu by pressing .



Press the .

Enter the scenario name and press the  icon to confirm.



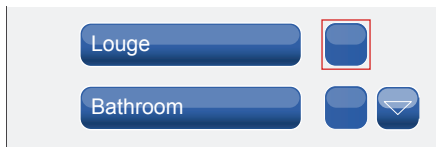
SCENARIOS



Select the Climate function to view the various timer-thermostats available.



Press the flag icon corresponding to the timer-thermostat you want to control.




Select the operation you want to carry out (switch the thermostat on or off, or set its temperature).



The flag will appear at the end, to indicate that configuration has taken place successfully.



Once all the desired functions have been set, exit the scenario creation menu by pressing the  icon repeatedly.

You will be asked for confirmation when exiting the scenario creation procedure.




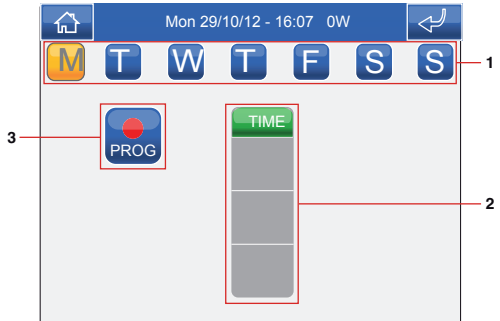
Once you have confirmed your exit, you will be given the option of scheduling, saving or deleting the scenario.




- 1 Schedule scenario.
- 2 Save scenario.
- 3 Delete scenario.

SCHEDULING SCENARIOS

To schedule a new scenario, press the  icon.




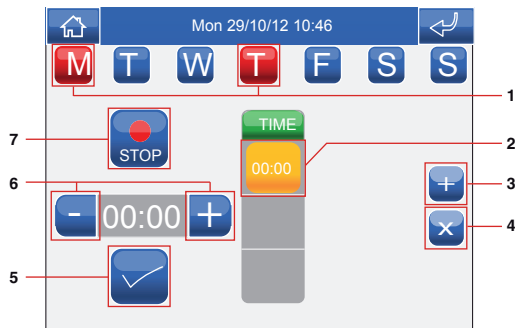
- 1 Days of the week.
- 2 List of logged programming.
- 3 Start procedure.

Press the  icon to access the programming screen.







SCENARIOS

Select the days of the week for which you wish to program the activity (selected days will be highlighted in red) and press the  icon to add a programming schedule to the list.




- 1 Days of the week selected.
- 2 Schedule being programmed.
- 3 Add programming.
- 4 Delete programming.
- 5 Confirm.
- 6 Time adjustment selectors.
- 7 Save.

Set the desired activity time using the selector keys and press the  icon to confirm. Repeat the above steps as necessary to add several programming schedules. To delete a programming schedule, select it and press the  icon, followed by  to confirm. When you have finished, press the  icon to log the information.

Once scheduling is complete, the scenario is activated automatically.

ACTIVATING SCENARIOS

To access the Scenarios menu, press the  icon on the main menu screen.




Select the scenario category (one shot or scheduled) and press the icon representing the scenario you wish to activate.



Press the  icon.


DELETING SCENARIOS

To access the Scenarios menu, press the  icon on the main menu screen.




Access the Scenario settings menu by pressing .




Press the  icon followed by the icon corresponding to the scenario you wish to delete.



Press the  icon.

MODIFYING SCENARIOS


To access the Scenarios menu, press the  icon on the main menu screen.



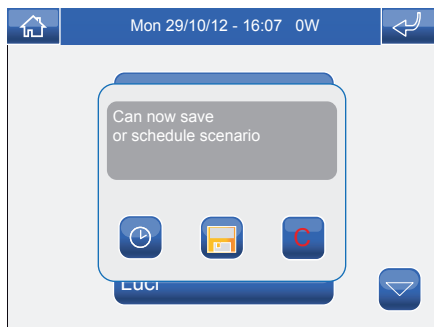
SCENARIOS

Access the Scenario settings menu by pressing .




Press the  icon followed by the icon corresponding to the scenario you wish to modify.

Once all desired functions have been set, exit the Modify scenario menu.

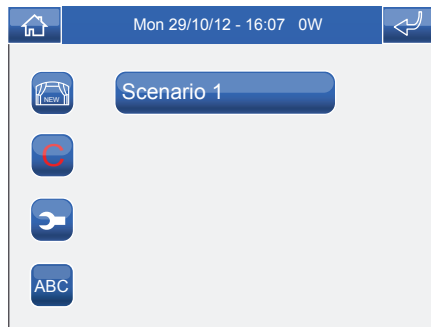



RENAMING SCENARIOS


To access the Scenarios menu, press the  icon on the main menu screen.



Access the Scenario settings menu by pressing .



Press the  icon followed by the icon corresponding to the scenario you wish to modify.

Change the scenario name and press the  icon to confirm.

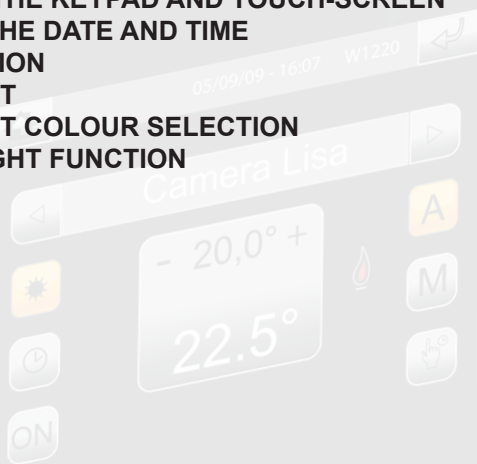
 Mon 29/10/12 - 16:07 0W 

Scenario 1 


A	B	C	D	E	F	G	H
I	J	K	L	M	N	O	P
Q	R	S	T	U	V	W	X
Y	Z		↑	↓	123		

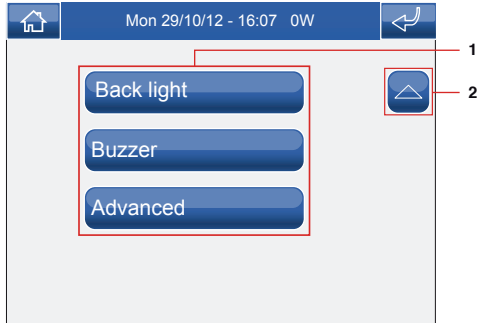
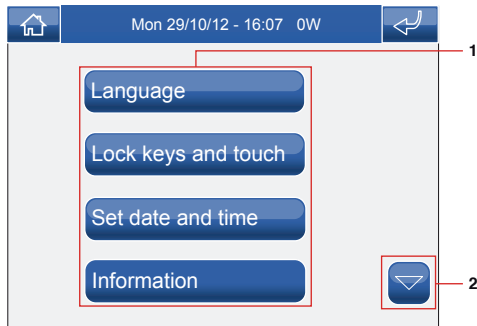
SETUP

- ✓ **SETUP MENU DESCRIPTION**
- ✓ **LANGUAGE**
- ✓ **LOCKING THE KEYPAD AND TOUCH-SCREEN**
- ✓ **SETTING THE DATE AND TIME**
- ✓ **INFORMATION**
- ✓ **BACKLIGHT**
- ✓ **BACKLIGHT COLOUR SELECTION**
- ✓ **SMART LIGHT FUNCTION**
- ✓ **BUZZER**



SETUP MENU DESCRIPTION

To access the Setup menu, press the  icon on the main menu screen.



- 1 Functions available in the Setup menu.
- 2 Scroll through the screen.

LANGUAGE

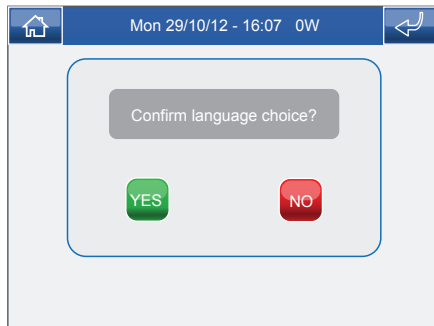
The Minitouch menu display language can be changed by selecting one of the options on the list. Access the menu Setup > Language.

To select the language, press the corresponding icon.



- 1 Language in use.
- 2 Scroll through the screen.
- 3 Languages available.

You will be asked to confirm the selected language.

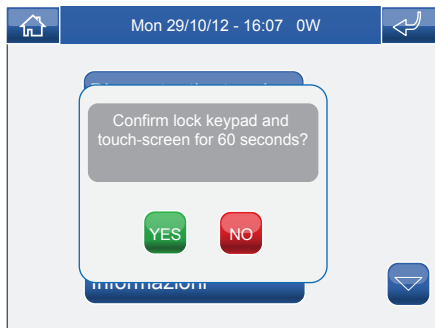


SETUP

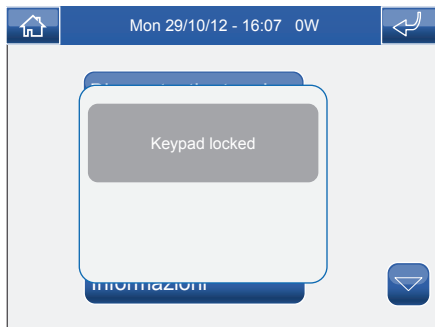
LOCKING THE KEYPAD AND TOUCH-SCREEN

The Lock keypad and touch-screen function temporarily deactivates the Minitouch screen. The functions are reactivated after 60 seconds.

To activate the function, press the "Lock keypad and touch-screen" icon.




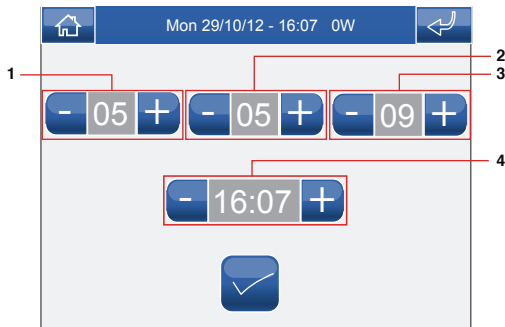
Confirm by pressing the  icon.



SETTING THE DATE & TIME

To set the date and time, access the menu Setup > Set date and time.

Use the + and – icons to set the various fields. When you have finished, press the  icon to confirm.



- 1 Day.
- 2 Month.
- 3 Year.
- 4 Time.

INFORMATION

To view the software version installed, access the Information menu.



BACKLIGHT

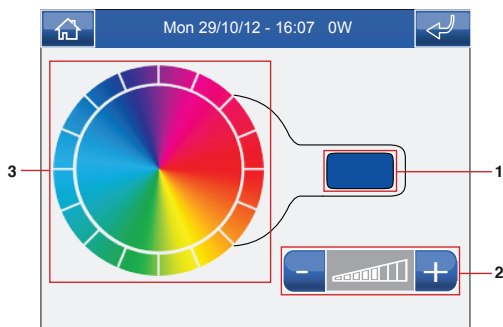
The Backlight function allows you to have a courtesy light of different colours.



- 1 Access to backlight colour selection menu.
- 2 Backlight deactivation.
- 3 Access to Smart Light menu.
- 4 Backlight activation.

BACKLIGHT COLOUR SELECTION

Enter the backlight colour selection menu:

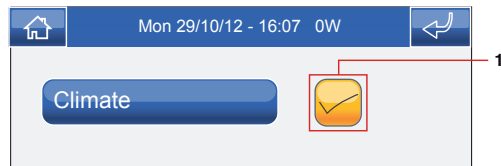


- 1 Current backlight colour in use.
- 2 Backlight brightness control.
- 3 Backlight colour wheel.

SMART LIGHT FUNCTION

To activate the Smart Light function, the Backlight function must also be activated.

The Smart Light function indicates the climate status by means of the LED; however, the colour set for the Backlight function will be excluded.



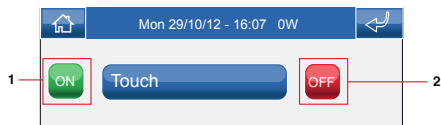
- 1 Smart light activation.

SMARTLIGHT STATUS LEGEND

- Blue** Climate on in summer mode (cooling).
Yellow Climate on in winter mode (heating).

BUZZER

When the Buzzer function is activated, the Minitouch will emit a tone every time the icons are pressed. Access the menu Setup > Buzzer.



- 1 Buzzer function activation.
- 2 Buzzer function deactivation.

ADVANCED

- ✓ ACCESSING ADVANCED MENUS
- ✓ ADVANCED MENUS DESCRIPTION
- ✓ CALIBRATING THE TOUCH-SCREEN
- ✓ TOTAL RESET
- ✓ RESET CONFIGURATIONS
- ✓ CONFIGURATION UPDATE
- ✓ CHANGE SKIN
- ✓ TRANSMISSION TIME
- ✓ PRODUCT UPDATE

Caution!!

This menu is intended for your installer. Inappropriate modification of the following settings could compromise correct system operation.

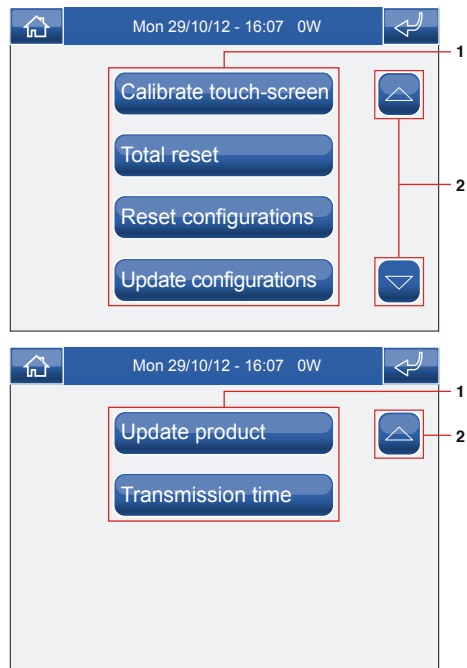
ACCESSING ADVANCED MENUS

Access the menu Setup > Advanced.

Enter the installer password 1961.



ADVANCED MENU DESCRIPTION



- 1 Functions available in the Advanced menu.
- 2 Scroll through the screen.

CALIBRATING THE TOUCH-SCREEN

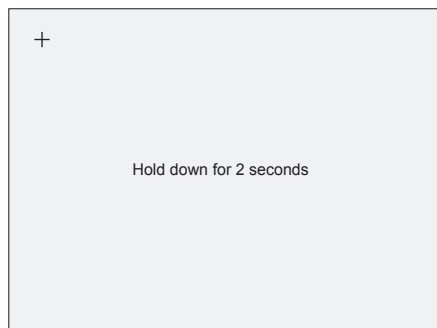
If the touch-screen does not respond correctly to touch commands, it can be calibrated.

Access the menu Setup > Advanced > Calibrate touch-screen.



Confirm by pressing the  icon.

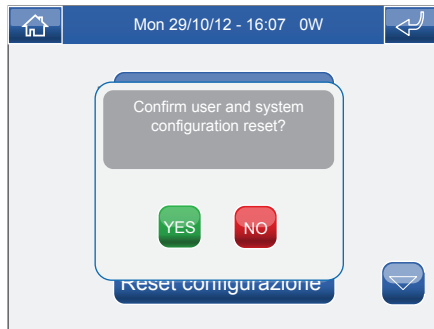
To calibrate the touch-screen, simply press and hold the cross which appears in 3 different positions for 2 seconds.



TOTAL RESET

The function deletes all settings implemented by the user, restoring the system to its original default condition.

Access the menu Setup > Advanced > Total reset.

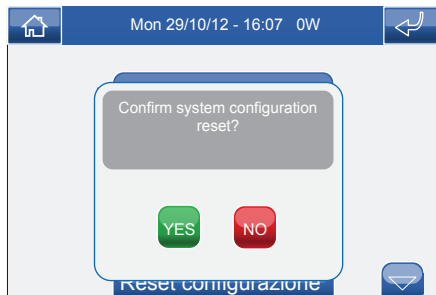


Confirm by pressing the  icon.

RESET CONFIGURATIONS

If this function is used, all settings made previously on the supervisor (scenarios, scheduling) will be lost and the SD card programming will be reloaded.

Access the menu Setup > Advanced > Reset configuration.

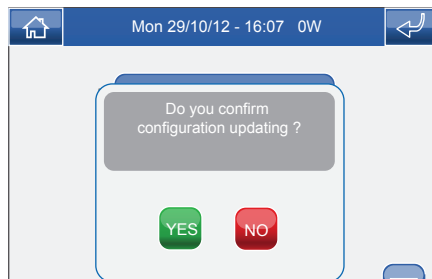


Confirm by pressing the  icon.

CONFIGURATION UPDATE

If this function is used, all modified functions on the SD card will be updated and the others left intact.

Access the menu Setup > Advanced > Update configurations.

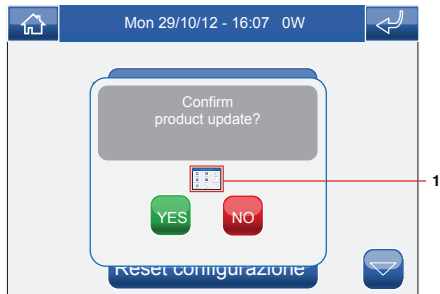


Confirm by pressing the  icon.

CHANGE SKIN

This function allows you to choose from two different colours for the monitor's graphic interface.

Access the menu Setup > Advanced > Product update.



1 Skin selection icon.

Confirm by pressing the  icon.

TRANSMISSION TIME

The transmission time determines the speed with which the commands are sent over the data line.

The higher the value, the greater the time between sending one command and the next.

E.g.: Let us suppose we have 5 thermostats in one area and we send the switch-on command to all of them.

- If the value is set to 1, 1 tenth of a second will pass between one thermostat switching on and the next.
- If the value is set to 5, 5 tenths of a second will pass between one thermostat switching on and the next.

PRODUCT UPDATE

Please contact the Comelit Group S.p.A. service centre for product software updates.



InfoTECH

ITALY

Numero Verde
800-018009

WORLDWIDE

ScameOnLine
www.scame.com
infotech@scame.com

MiniTouch

Programmable thermostat

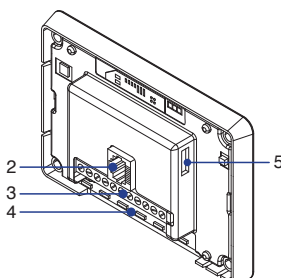
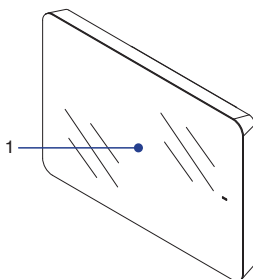
Installer Manual



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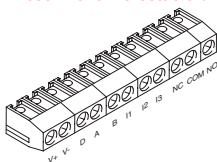
 **SCAME**

 **Comelit**

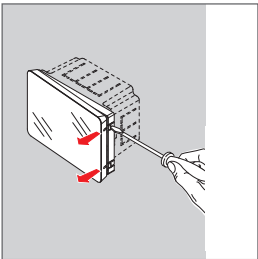
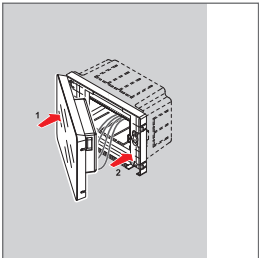
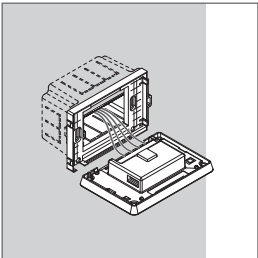
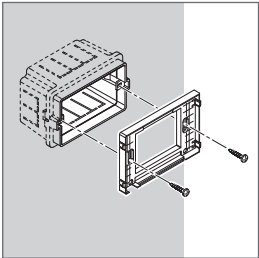
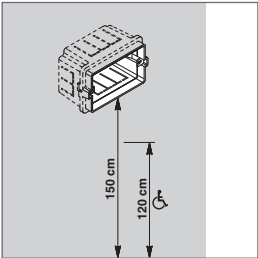


- 1: Touch screen 3,5".
- 2: Connettore ethernet (per usi futuri).
- 3: Morsettiera di connessione.
- 4: Smart light.
- 5: Alloggiamento per scheda micro SD.

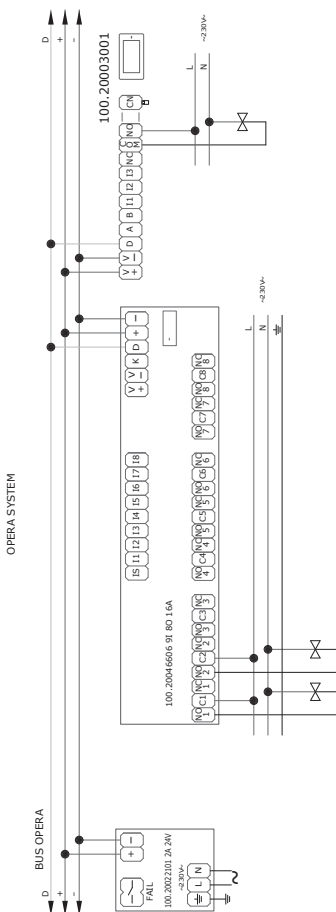
Descrizione morsettiera di connessione



- V+ V-:** Morsetti alimentazione
- D:** morsetto Data del bus OPERA
- A B:** Non utilizzati
- NC COM NO:** Contatti puliti relè termostato
- I1 I2 I3:** Uscite Open Collector per collegamento Fan-coil a più velocità.

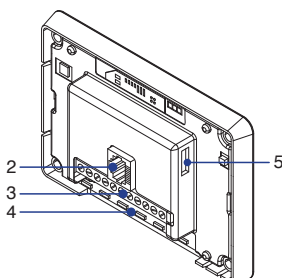
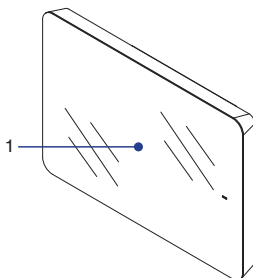


Esempio di collegamento del minitouch su un impianto con 3 zone clima (1 sonda di temperatura integrata nel modulo minitouch, 1 sonda di temperatura esterna, 1 termostato esterno)



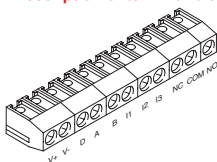
Caratteristiche principali	
Colore	Nero
Smart Light	Illuminazione a LED RGB
Display	Schermo a colori 3,5" Touch Screen (cm 7) con risoluzione 320x240 pixel
Angolo di visione (destra/sinistra/alto/basso)	50° / 50° / 45° / 50°
Alloggiamento per scheda micro SD	SI (utilizzato per il caricamento della configurazione dell'impianto domotico)
Alimentazione	• 12 Vdc / 24 Vdc
Corrente assorbita	355 mA @ 13,8 Vdc 175 mA @ 25 Vdc
Dimensione (HxLxP)	85 x 123 x 28,6 mm
Uscite O.C.	SI (500 mA MAX)
Uscita Relé	• 30 Vdc / 5 A • 250 Vac / 10 A
Temperatura di funzionamento	-15° / +55 ° C
Peso	150 gr
Termostato a bordo	SI
Fissaggio scatola 503 - 503E o similari	SI
Porta ethernet	SI (Per usi futuri)

Per informazioni complete vedi:
manuale utente **www.scame.com**



- 1: 3.5" touch screen.
- 2: Ethernet connector (for future uses).
- 3: Terminal block for connection.
- 4: Smart light.
- 5: Micro SD card slot.

Description of terminal block for connection.



V+ V-: Power supply terminals

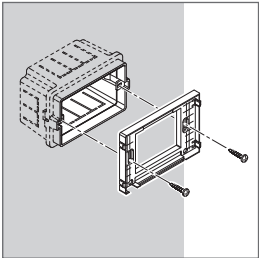
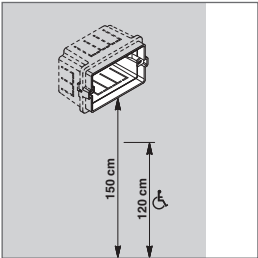
D: OPERA bus data terminal

A B: Not used

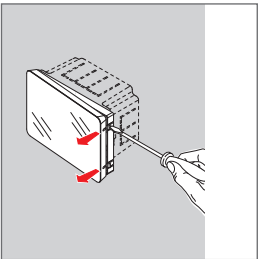
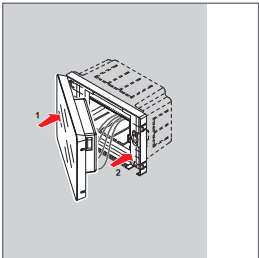
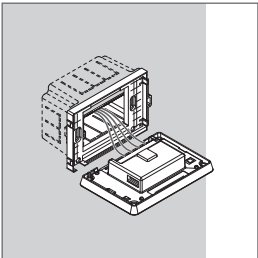
NC COM NO: Thermostat relay voltage-free contacts

I1 I2 I3: Open Collector outputs for multi-speed Fan-coil connection.

MOUNTING

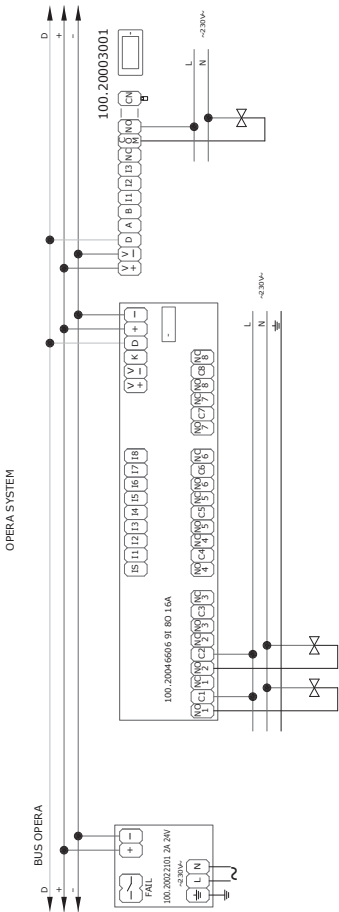


EN



Minitouch connection example for a system with 3 climate zones (1 temperature sensor integrated into the Minitouch module, 1 external temperature sensor, 1 external thermostat)

EN



DESCRIPTION

Main features	
Colour	Black
Smart Light	RGB LED illumination
Display	3.5" (7 cm) colour touch screen with 320x240 pixel resolution
Viewing angle (right / left / high / low)	50° / 50° / 45° / 50°
Micro SD card slot	YES (used for loading the home automation system configuration)
Power supply	• 12 Vdc / 24 Vdc
Current absorption	355 mA @ 13.8 Vdc 175 mA @ 25 Vdc
Size (HxWxD)	85 x 123 x 28.6 mm
O.C. outputs	YES (500 mA MAX.)
Relay output	• 30 Vdc / 5 A • 250 Vac / 10 A
Operating temperature	-15° / +55°C
Weight	150 g
On-board thermostat	YES
Mounting of box 503 - 503E or similar	YES
Ethernet port	YES (for future uses)

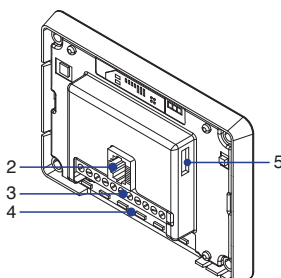
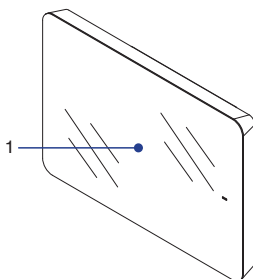
EN

For full information see:
user manual www.scame.com

☐ Products ☐ Catalogues ☒ Technical manuals ☐ FAQs ☐ Data Sheet

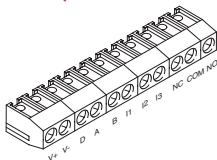
Minitouch

GO



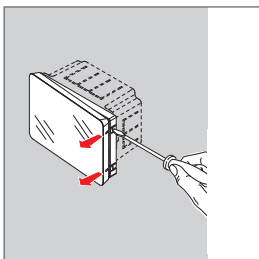
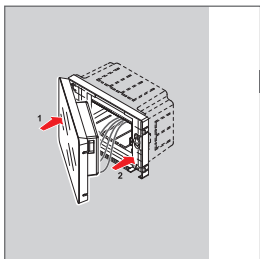
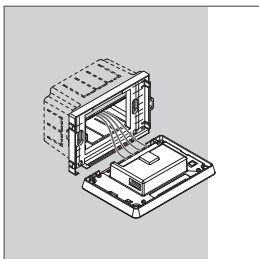
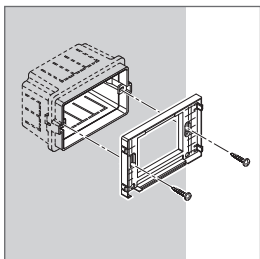
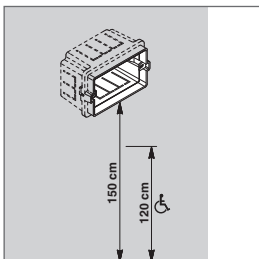
- 1 : Écran tactile 3,5".
- 2 : Connecteur Ethernet (pour utilisations futures).
- 3 : Bornier.
- 4 : Smart light.
- 5: Emplacement pour carte micro SD.

Description du bornier

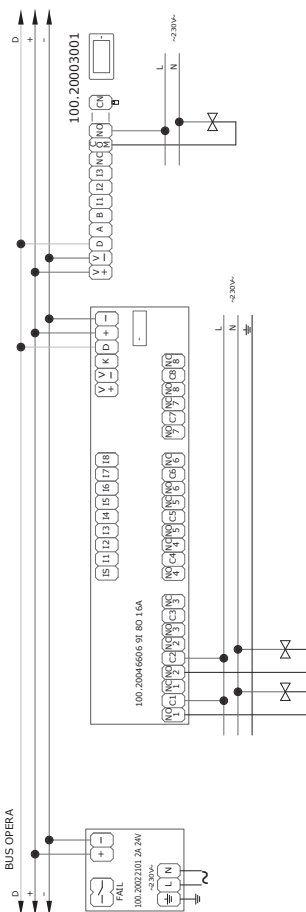


- V+ V-** : bornes d'alimentation
- D** : borne du bus de données OPERA
- A B** : Libres
- NC COM NO** : Contacts secs relais thermostat
- I1 I2 I3** : Sorties Open Collector pour raccordement Fan-coil à plusieurs vitesses.

MONTAGE



OPERA SYSTEM



DESCRIPTION

Principales caractéristiques

Couleur	Noir
Smart Light	Éclairage à leds RJB
Écran	Écran tactile couleur 3,5" (7 cm) résolution de 320x240 pixels
Angle de vision (droite/ gauche/haut/bas)	50° / 50° / 45° / 50°
Emplacement pour carte micro SD	OUI (utilisé pour télécharger la configuration de l'installation domotique)
Alimentation	• 12 Vdc / 24 Vdc
Courant absorbé	355 mA à 13,8 Vcc 175 mA à 25 Vcc
Dimensions (HxLxP)	123 x 85 x 28,6 mm
Sorties O.C.	OUI (500 mA MAX)
Sorties à relais	• 30 Vcc / 5 A • 250 Vca / 10 A
Température de fonctionnement	-15° / +55 ° C
Poids	150 g
Thermostat à bord	OUI
Fixation boîtier 503 - 503E ou similaires	OUI
Port Ethernet	OUI (Pour utilisation futures)

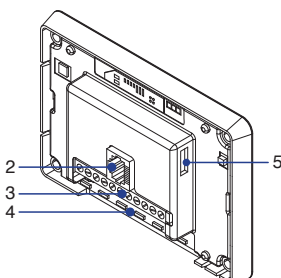
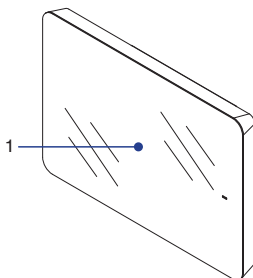
FR

Pour des informations complètes se référer au:
user manual **www.scame.com**

☐ Products ☐ Catalogues ☒ Technical manuals ☐ FAQs ☐ Data Sheet

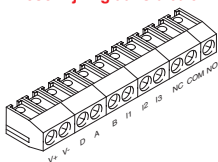
Minitouch

GO



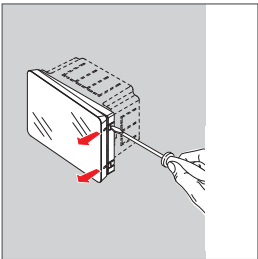
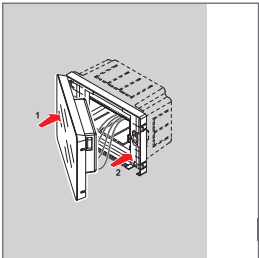
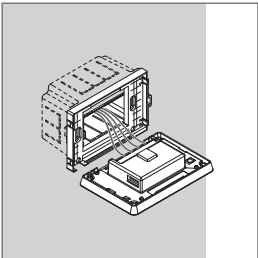
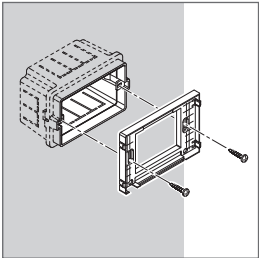
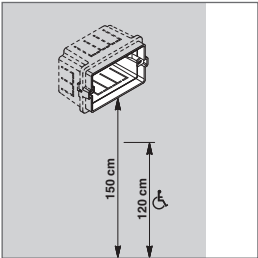
- 1: Touchscreen van 3,5".
- 2: Ethernet-connector (voor toekomstig gebruik).
- 3: Aansluitblok
- 4: Smart light.
- 5: Behuizing voor micro SD-kaart.

Beschrijving aansluitblok

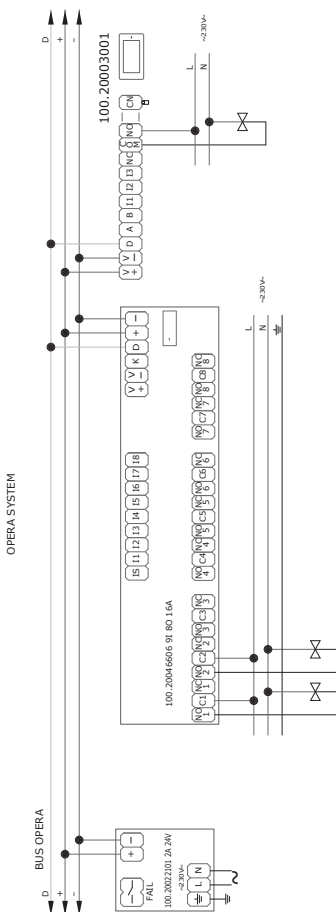


- V+ V-:** Voedingsklemmen
- D:** Data-klem van de OPERA-bus
- A B:** Niet gebruikt
- NC COM NO:** Spanningsvrije contacten
thermostaatrelais
- I1 I2 I3:** Open Collector uitgangen voor
aansluiting Fan-coil met meerdere
snelheden.

MONTAGE



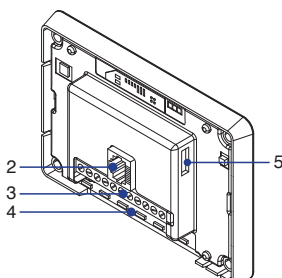
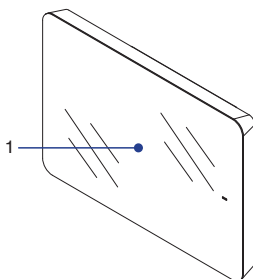
Voorbeeld van aansluiting van de Minitouch op een installatie met 3 klimaatzones (1 in de Minitouch-module ingebouwde temperatuursensor, 1 externe temperatuursensor, 1 externe thermostaat)



Belangrijkste kenmerken	
Kleur	Zwart
Smart Light	Verlichting met RGB-led's.
Display	Kleurenscherm van 3,5" Touchscreen (7 cm) met resolutie van 320x240 pixel
Gezichtshoek (rechts/ links/boven/onder)	50° / 50° / 45° / 50°
Behuizing voor kaart micro SD	JA (gebruikt voor het laden van de configuratie van de huisautomatiseringsinstallatie)
8278I	• 12 Vdc / 24 Vdc
Opgenomen stroom	355 mA bij 13,8 Vdc 175 mA bij 25 Vdc
Afmetingen (HxLxD)	85 x 123 x 28,6 mm
Uitgangen O.C.	JA (500 mA MAX)
Relaisuitgang	• 30 Vdc / 5 A • 250 Vac / 10 A
Bedrijfstemperatuur	-15° / +55 ° C
Gewicht	150 gr
Met thermostaat	JA
Bevestiging doos 503 - 503E of dergelijke	JA
Ethernet-poort	JA (voor toekomstig gebruik)

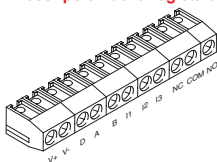
NL

Voor volledige informatie de user manual www.scame.com raadplegen



- 1: Pantalla táctil de 3,5".
- 2: Conector Ethernet (para usos futuros).
- 3: Regleta de conexiones.
- 4: Smart light.
- 5: Alojamiento para tarjeta micro SD.

Descripción de la regleta de conexiones



V+ V-: Bornes de alimentación

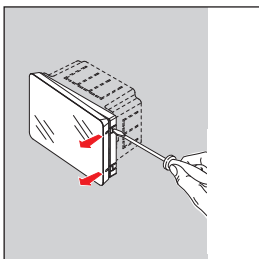
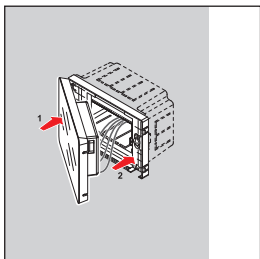
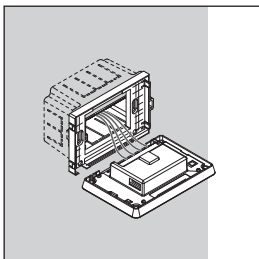
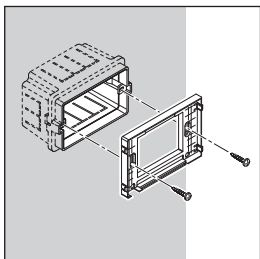
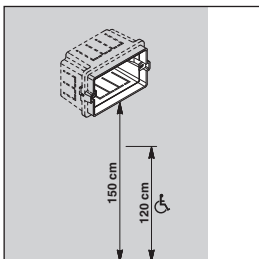
D: Borne datos del bus OPERA

A B: No utilizados

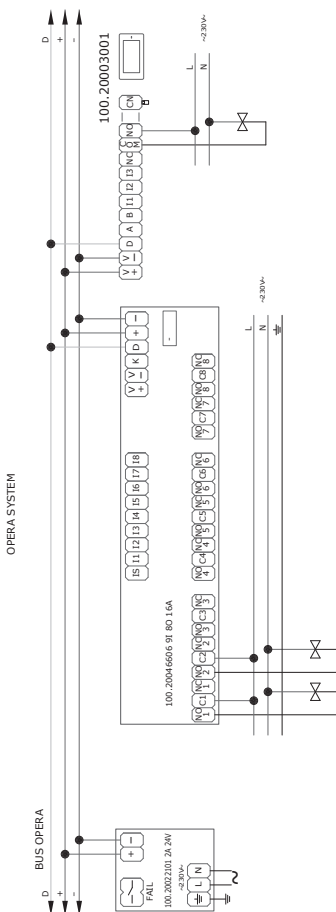
NC COM NO: Contactos libres de potencial para relé del termostato

I1 I2 I3: Salidas de colector abierto para la conexión de un fan-coil de varias velocidades.

MONTAJE



Ejemplo de conexión del Minitouch a una instalación con 3 zonas climáticas (1 sonda de temperatura integrada en el módulo Minitouch, 1 sonda de temperatura externa, 1 termostato externo)



Características principales	
Color	Negro
Smart Light	Iluminación con led RGB
Pantalla	Pantalla táctil en color de 3,5" (7 cm) con resolución de 320x240 píxeles
Ángulo de visión (derecho/ izquierdo/alto/ bajo)	50° / 50° / 45° / 50°
Alojamiento para tarjeta micro SD	Sí (utilizado para cargar la configuración del sistema domótico)
Alimentación	• 12 Vdc / 24 Vdc
Corriente absorbida	355 mA @ 13,8 Vcc 175 mA @ 25 Vcc
Dimensiones (HxLxP)	123 x 85 x 28,6 mm
Salida de colector abierto	Sí (500 mA MÁX.)
Salida relé	• 30 Vcc / 5 A • 250 VcA / 10 A
Temperatura de funcionamiento	-15° / +55 ° C
Peso	150 g
Termostato incorporado	Sí
Fijación en caja 503 - 503E o similares	Sí
Puerto Ethernet	Sí (para usos futuros)

Para mayor información véase el:
user manual **www.scame.com**

NOTE

A decorative line graphic consisting of a horizontal line, a diagonal line, and a vertical line, forming a corner-like shape.



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