

CAME †

FA01688M4A

806SA-0010  
806SA-0011  
806SA-0020  
806SA-0170

CE EAC



IT Italiano

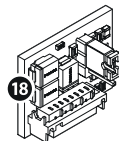
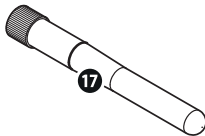
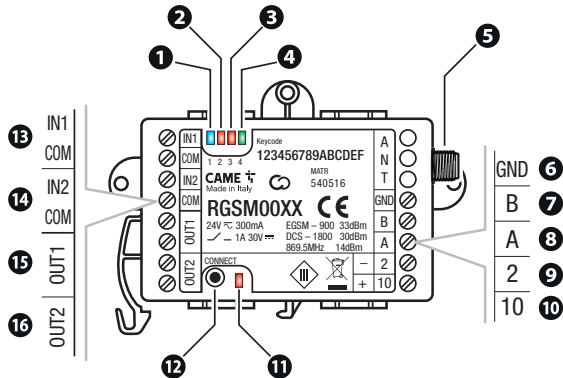
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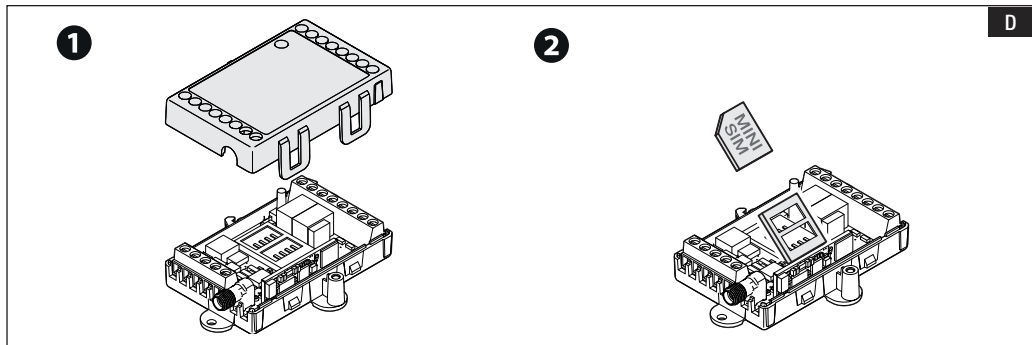
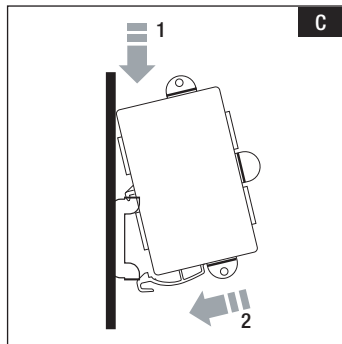
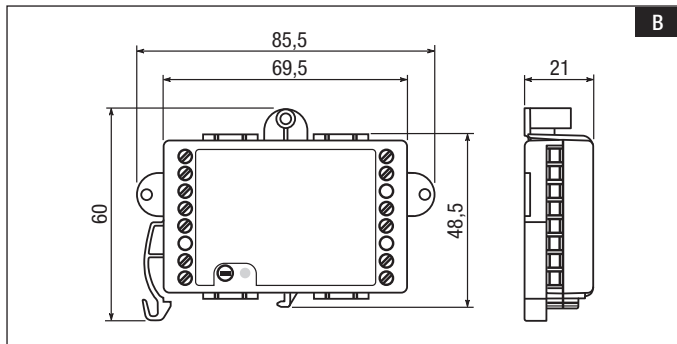
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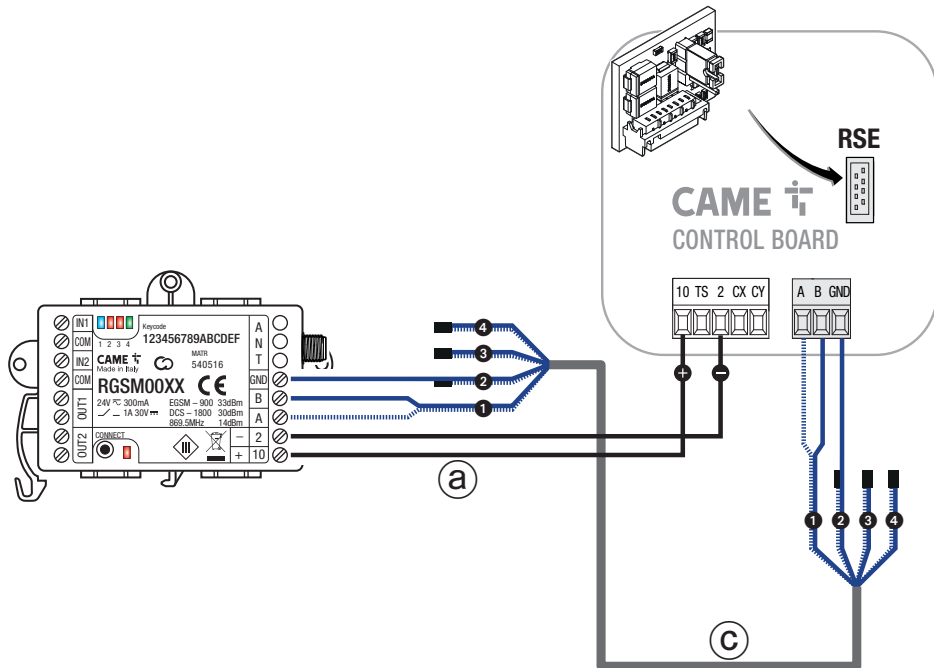
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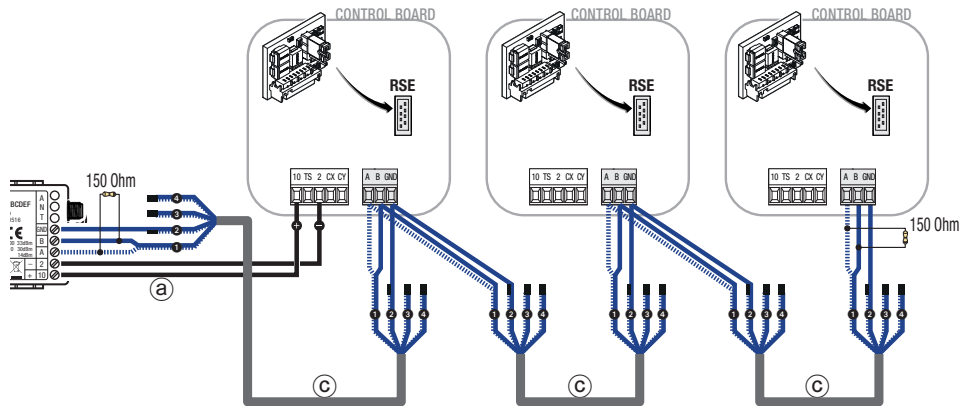
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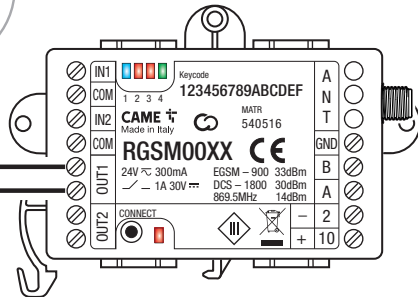
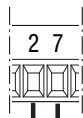








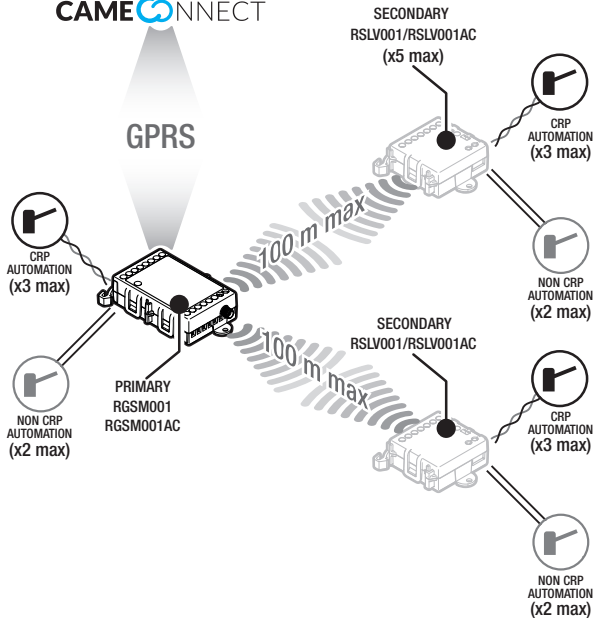
CONTROL BOARD

CAME 

CAMECONNECT

GPRS

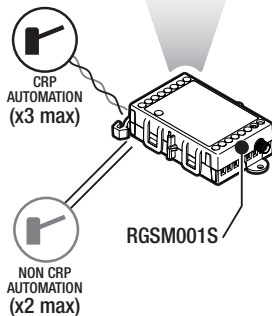
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CAMECONNECT

GPRS


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## General precautions for installers

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Read the instructions carefully before beginning the installation and carry out the procedures as specified by the manufacturer. • Installation, programming, commissioning and maintenance must only be carried out by qualified, expert technicians and in full compliance with the applicable law. • Before carrying out any cleaning or maintenance, or replacing any parts, disconnect the device from the power supply. • Only use this product for its intended purpose. Any other use is hazardous. • The manufacturer cannot be held liable for any damage caused by improper, unreasonable or erroneous use. • The product, in its original packaging supplied by the manufacturer, must only be transported in a closed environment (railway carriage, containers, closed vehicles). • If the product malfunctions, stop using it and contact customer services at <https://www.came.com/global/en/contact-us> or via the telephone number on the website. • The manufacture date is provided in the production batch printed on the product label. If necessary, contact us at <https://www.came.com/global/en/contact-us>. • The general conditions of sale are given in the official CAME price lists.

 **If the production batch is not immediately identifiable, please contact customer services.**

CAME S.p.A. declares that the product described in this manual complies with Directive 2014/53/EU and the Radio Equipment Regulations 2017.

The full EC declaration of conformity and UK Conformity Assessed (UKCA) marking information can be found at [www.came.com](http://www.came.com).

## Dismantling and disposal

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Dispose of the packaging and the device responsibly at the end of its life cycle, in compliance with the laws in force in the country where the product is used. The recyclable components are marked with the material symbol and ID.

THE DATA AND INFORMATION IN THIS MANUAL MAY BE CHANGED AT ANY TIME AND WITHOUT NOTICE.

MEASUREMENTS ARE IN MILLIMETRES, UNLESS STATED OTHERWISE.

## Description

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### 806SA-0010

RGSM001 - GSM Gateway module with built-in radio, for remote control of CAME automated operators with CAMEConnect system (002RSE module included). Controls up to 5 secondary modules.

### 806SA-0011

RGSM001R- GSM Gateway module for the Russian market with built-in radio, for remote control of CAME operators with CAME Connect system (002RSE module included). Controls up to 5 secondary modules.

### 806SA-0020



RGSM001S - Standalone GSM Gateway module, for remote control of CAME automated operators with CAMEConnect system (002RSE module included).

### 806SA-0170

RGSM001AC - GSM Gateway module with built-in radio, for remote access control with CAMEConnect system (002RSE module included). Controls up to 5 secondary modules.







## A Description of parts

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- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>❶ GSM LED (blue)</li><li>❷ OUT1 LED (red)</li><li>❸ OUT2 LED (red)</li><li>❹ POWER LED (green)</li><li>❺ Antenna plug</li><li>❻ Interface 485 earth</li><li>❼ Interface 485 PIN B</li><li>❽ Interface 485 PIN A</li><li>❾ - Power supply</li><li>❿ 10, + Power supply</li><li>⓫ CONNECT LED (red)</li></ul> | <ul style="list-style-type: none"><li>❿ P1 button for resetting or rebooting the module</li></ul> <p> <b>Press and hold for 10 seconds to reset the module to its factory settings.</b></p> <p> <b>Press and hold for more than 3 seconds and then release to reboot the module.</b></p> <ul style="list-style-type: none"><li>⓬ Input 1 (24V DC max) and common input</li><li>⓭ Input 2 (24V DC max) and common input</li><li>⓮ Relay 1, 30V DC - 1A (max) N.O.</li><li>⓯ Relay 2, 30V DC - 1A (max) N.O.</li><li>⓰ Antenna</li><li>⓱ Function control board (RSE)</li></ul> |
|---|---|

 **This device is fitted with an external wire antenna which must not be removed.**

## Alert LED

	 On	 Off	 Flashes every 3 seconds	 1 flash per second	 3 flashes per second	 5 flashes per second
GSM LED (blue)		GSM Modem Off	Registered on the GSM network	Not registered on the GSM network Operation in progress		Active GPRS connection
POWER LED (green)	Powered up and configured/associated	Module not powered up	P1 button pressed	Configuring...		Module not configured (default)
OUT1 LED (red)	Relay 1 closed	Relay 1 open				
OUT2 LED (red)	Relay 2 closed	Relay 2 open				
CONNECT LED (red)	Connected to CAMEConnect	Not connected to CAMEConnect	Firmware updating remotely...			

## Technical data

MODELS	RGSM001	RGSM001R	RGSM001S	RGSM001AC
Power supply (V AC)	12 - 30	12 - 30	12 - 30	12 - 30
Power supply (V DC)	12 - 30	12 - 30	12 - 30	12 - 30
Radio frequency (MHz)	869,50	869,00	-	869,50
Maximum absorption (mA)	200	200	200	200
Operating temperature (°C)	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70	-20 ÷ +70
Radio signal range in an open area (m)	100	100	-	100
Radio signal strength (dBm)	14	14	-	14
GSM-EGSM signal power - 900 MHz (dBm)	33	33	-	33
GSM-EGSM signal power - 1800 MHz (dBm)	30	30	-	30
Item	Polycarbonate compound	Polycarbonate compound	Polycarbonate compound	Polycarbonate compound
Digital inputs (V DC max)	24	24	24	24
Relay outputs (V DC max)	30	30	30	30
Relay outputs (A max)	1	1	1	1
Storage temperature (°C)*	-25 ÷ +70	-25 ÷ +70	-25 ÷ +70	-25 ÷ +70
Maximum length of the cable connected to the relay outputs (m)	100	100	100	100
Maximum length of the cable connected to the 485 output (m)	1000	1000	1000	1000
Average product life (cycles)**	100000	100000	100000	-

(\*) Before installing the product, keep it at room temperature where it has previously been stored or transported at a very high or very low temperature.

(\*\*) The average product life is a purely indicative estimate. It applies to compliant usage, installation and maintenance conditions. It is also influenced by other factors, such as climatic and environmental conditions.

## Installation


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 Do not install radio devices less than 4 meters apart.

 Place the antenna as high up as possible from the ground, well away from any metal or reinforced-concrete structures.

 Fix the module to the DIN rails, where present on the operator.

 The module can also be installed outdoors, provided it is fastened inside a case with a protection rating of at least IP44.


 The device must always be installed well away from metal surfaces and objects. In any case, the control board must not be fitted inside metal containers.

## Electrical connections

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 Before making any connections, YOU MUST DISCONNECT THE MAINS POWER.

 If the device is not powered by a Came panel, ensure that the power supply has current not greater than 1A.

 Where the device is connected to a CAME control panel equipped with CRP via terminal A-B-GND, power the module only from terminals 2-10 on the panel itself.


## Cable length

Section	Cable type
a	PVC FROR 2 x 0,5
c	UTP CAT5 - AWG24

Section	Maximum section length
a	3 m
c	1000 m

**D** Connecting a single operator

**E** Connecting several operators

 If necessary, insert the RSE card and set a peripheral number for each card (see the [F56 Peripheral Number] function in the operator or control panel manual).

 All the operators connected to the module must have their Baud rate set to 38400 (see the [F63 RSE Speed] function in the operator or control panel manual).

 The module compatibility table is available at the following address: [http://www.cameconnect.net/came/docs/cameconnect\\_compliant\\_devices.html](http://www.cameconnect.net/came/docs/cameconnect_compliant_devices.html)

**F** Connecting non-CRP operators

 Using the relay outputs you can control up to 2 operators with CAMEConnect.

**G** Configuration

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 Before configuring, make sure that the module is disconnected from the mains power and that the PIN code for the SIM card is disabled.

 The SIM card (not included) must be enabled for 2G data traffic and for sending and receiving SMSs. Check costs and availability with your local mobile telephone provider.

 Data consumption depends on the number and type of devices associated with the module, and how they are used with the CAMEConnect system.

**1** Note down the SIM card number, remove the shell and insert the SIM card into the relevant slot.

**2** Replace the shell and power up the module.

Send an SMS from your phone to the SIM number containing the text:

APN: XXXXXX

Replace the X with the Access Point Name (APN) identifying the mobile network through which the telephone provider for your SIM grants internet access.

 **Make sure you replicate all uppercase and lowercase letters and punctuation.**

 **Some mobile telephone providers request that a username and password also be set.**

In this case, send an SMS from your phone to the SIM number containing the text:

APN: internet.com

USR: wapuser1

PSW: wap

After a few seconds, the module sends an automated reply [RECEIVED], then it restarts and connects to the server.

If the APN configuration is unsuccessful, the module replies [NOT CONFIGURED].

 **Should the APN need to be changed when replacing the SIM, repeat the configuration procedure.**

 **You must register the module on your CAMEConnect account using the keycode printed on the label.**

## Troubleshooting

Problem	Possible causes*	Solutions
The module will not switch on	No power supply	Check whether the power is on Check the power supply connections
The module will not connect to the cloud	The SIM is not configured correctly	Check that the SIM is active and has an active data plan Check the APN configuration with your telephone provider
The module occasionally disconnects from the cloud	Calls or SMSs are being sent to the SIM Insufficient GSM signal	Check that no calls or SMSs are being sent to the SIM Check the GSM signal coverage at the installation point

The contents of this manual may be changed at any time and without notice.



**CAME** 

**CAME.COM**

**CAME S.P.A.**

Via Martiri della Libertà, 15

31030 Dosson di Casier

Treviso - Italy

Tel. (+39) 0422 4940

Fax (+39) 0422 4941

info@came.com - www.came.com