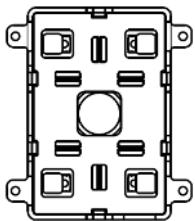




Quick Start Guide

Surface GRMS Module



CR-SFG-3M-KNX-01

Package Contents

- Core Surface Modular GRMS Switch
- Electronic Part Cover
- Screws
- Connectors

Core Bina Otomasyon Sistemleri Ltd. Şti.

Fatih Mahallesi Ege Caddesi No:42/5

Gaziemir - Izmir - Türkiye

www.core.com.tr



1x3M GRMS Module

CONCEPT DESCRIPTION

Led colours: White, red, green, blue, yellow, magenta, cyan

Dimensions: 61mm X 41mm X 20mm

Casing Material: Aluminium, Brass, Nickel, Copper and Aged Brass depending on the finish selection

Power: 29 VDC - 0,35 Watts from KNX Bus-line

Consumption: < 12 mA from KNX Bus-line

Connectivity: KNX-TP

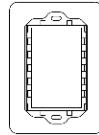
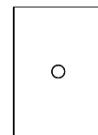
Installation: Italian Standard installation box for flush-mounting, 3M size

To be completed

Electronic Part

1 Button*

Support*



*Sold separately

Technical Specification



2x3M GRMS Module

CONCEPT DESCRIPTION

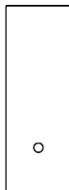
Led colours:	White, red, green, blue, yellow, magenta, cyan
Dimensions:	61mm X 41mm X 20mm
Casing Material:	Aluminium, Brass, Nickel, Copper and Aged Brass depending on the finish selection
Power:	12-30 VDC - via KNX Auxiliary Power Supply or Separate Power Supply
Consumption:	< 20 mA from KNX Auxiliary Power Supply, 0,6 Watt < 12 mA from KNX Bus-line
Connectivity:	KNX-TP
Installation:	Italian Standard installation box for flush-mounting,

To be completed

Electronic Part*

1 Button and 1 Led Area*

Metal Support*



*sold separately

3x3M GRMS Module

CONCEPT DESCRIPTION

Led colours:	White, red, green, blue, yellow, magenta, cyan
Dimensions:	61mm X 41mm X 20mm
Casing Material:	Aluminium, Brass, Nickel, Copper and Aged Brass depending on the finish selection
Power:	12-30 VDC - via KNX Auxiliary Power Supply or Separate Power Supply
Consumption:	< 40 mA from KNX Auxiliary Power Supply, 1,2 Watt < 12 mA from KNX Bus-line
Connectivity:	KNX-TP

To be completed

Electronic Part*

1 Button and 2 Led Areas*

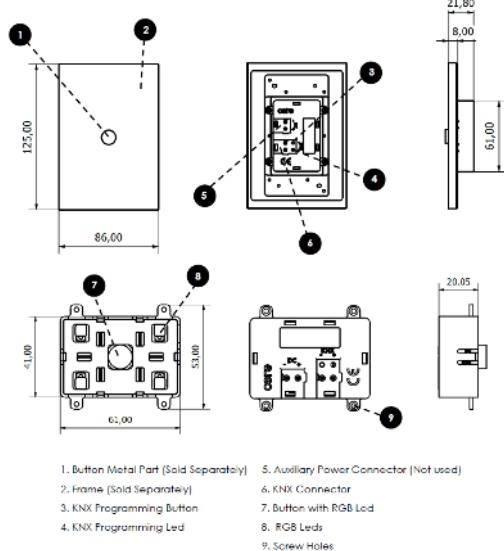
Metal Support*



*sold separately

1x3M GRMS Module

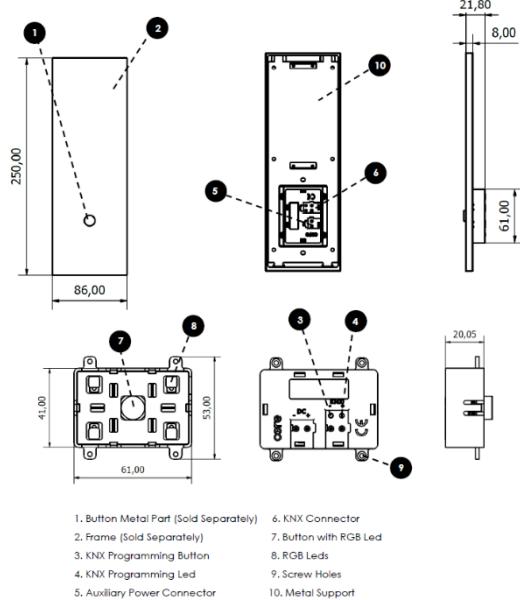
Dimensional drawing (all dimensions are in mm)



1. Button Metal Part (Solid Separately)
 2. Frame (Solid Separately)
 3. KNX Programming Button
 4. KNX Programming Led
 5. Auxiliary Power Connector (Not used)
 6. KNX Connector
 7. Button with RGB Led
 8. RGB Leds
 9. Screw Holes

2x3M GRMS Module

Dimensional drawing (all dimensions are in mm)



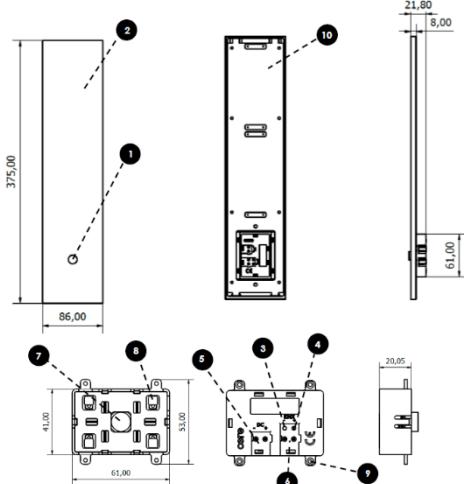
1. Button Metal Part (Solid Separately)
 2. Frame (Solid Separately)
 3. KNX Programming Button
 4. KNX Programming Led
 5. Auxiliary Power Connector
 6. KNX Connector
 7. Button with RGB Led
 8. RGB Leds
 9. Screw Holes
 10. Metal Support

Dimensional Drawing

Safety Remarks

3x3M GRMS Module

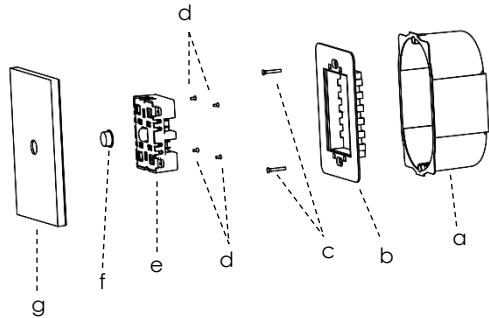
Dimensional drawing (all dimensions are in mm)



1. Button Metal Part (Solid Separately)
 2. Frame (Solid Separately)
 3. KNX Programming Button
 4. KNX Programming Led
 5. Auxiliary Power Connector
 6. KNX Connector
 7. Button with RGB Led
 8. RGB Leds
 9. Screw Holes
 10. Metal Support

Warnings

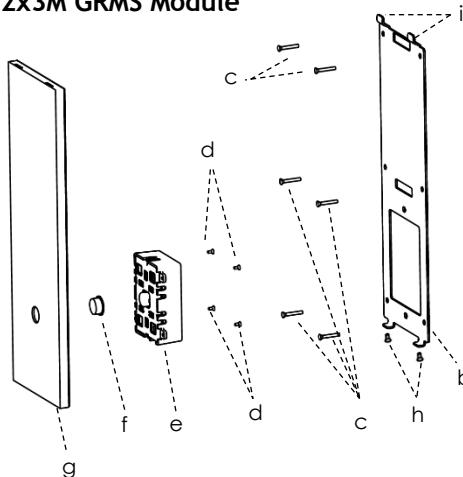
- Installation, electrical connection, configuration and commissioning of the device can only be carried out by qualified personnel in compliance with the applicable technical standards and laws of the respective countries
- The electrical connection of the device can only be carried out by qualified personnel. The incorrect installation may result in electric shock or fire. Before making the electrical connections, make sure the power supply has been turned off.
- Do not connect the main voltage (230V AC) to KNX connector of the device.
- Opening the housing of the device causes the immediate end of warranty period.
- In case of tampering the compliance with the essential requirements of the applicable directives, for which device has been certified, is no longer guaranteed.
- To clean frame and buttons, use a dry cloth. It must be avoided the use of solvents or other aggressive substances.
- Contact with fluids to the plate and socket is to be avoided.
- Use Italian standard installation box for flush-mount. Dry wall installation box is not recommended for perfect alignment on the wall.

x3M GRMS Module

- a) Wall mounting box
- b) Mounting support (sold separately)
- c) Support fixing screws
- d) Electronic part fixing screws
- e) Electronic part
- f) Metal Buttons (sold separately)
- g) Frame (sold separately)

The installation of the device requires the following steps:

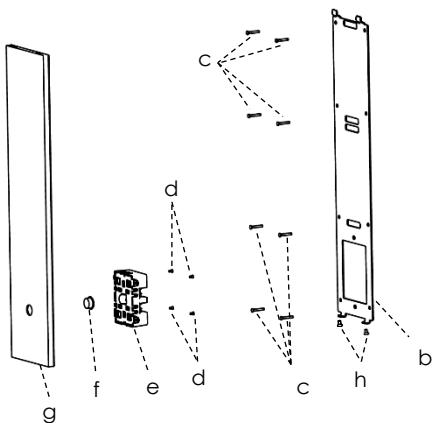
1. Place the mounting support (b) on the wall mounting box (a) and fix with screws (c)
2. Place metal buttons (f) on the electronic part (e)
3. Fit the frame (g) to the electronic part (e)
4. Mount the screws (d) to fix the electronic part (e) to the frame (g)
5. Connect KNX cable to the device. Check that polarity is correct
6. Press and place the device to the support with both hands simultaneously on the right and left sides

2x3M GRMS Module

- b) Mounting support (sold separately)
- c) Support fixing screws
- d) Electronic part fixing screws
- e) Electronic part
- f) Metal Buttons (sold separately)
- g) Frame (sold separately)
- h) Frame fixing screws
- i) Frame hooks

The installation of the device requires the following steps:

1. Place the mounting support (b) on the wall mounting box and fix with screws (c)
2. Place metal buttons (f) on the electronic part (e)
3. Fit the frame (g) to the electronic part (e)
4. Mount the screws (d) to fix the electronic part (e) to the frame (g)
5. Connect KNX cable to the device. Check that polarity is correct
6. Hang the device on to the hooks (i) on the metal support using the two holes at the top of the frame
7. Press and keep the device parallel to the wall and mount the screws (h)

3x3M GRMS Module

- b) Mounting support (sold separately)
- c) Support fixing screws
- d) Electronic part fixing screws
- e) Electronic part
- f) Metal Buttons (sold separately)
- g) Frame (sold separately)
- h) Frame fixing screws
- i) Frame hooks

The installation of the device requires the following steps:

1. Place the mounting support (b) on the wall mounting box and fix with screws (c)
2. Place metal buttons (f) on the electronic part (e)
3. Fit the frame (g) to the electronic part (e)
4. Mount the screws (d) to fix the electronic part (e) to the frame (g)
5. Connect KNX cable to the device. Check that polarity is correct
6. Hang the device on to the hooks (i) on the metal support using the two holes at the top of the frame
7. Press and keep the device parallel to the wall and mount the screws (h)

Commissioning

- Commissioning and configuration of the device require the use of ETS4 or later releases. These activities must be carried out according to the design of the building automation system done by a qualified planner.
- For the configuration of the device parameters the corresponding application program or whole Core product database must be loaded in the ETS program. For detailed information on configuration options, refer to the application manual of the device available on the web site www.core.com.tr
- For commissioning the device, the following activities are required
 - make the electrical connections as described above
 - turn on the bus power supply
 - switch the device operation to the programming mode
 - download into the device the physical address and the configuration with the ETS program
- At the end of the download the operation of the device returns to normal mode
- Now the bus device is programmed and ready to use