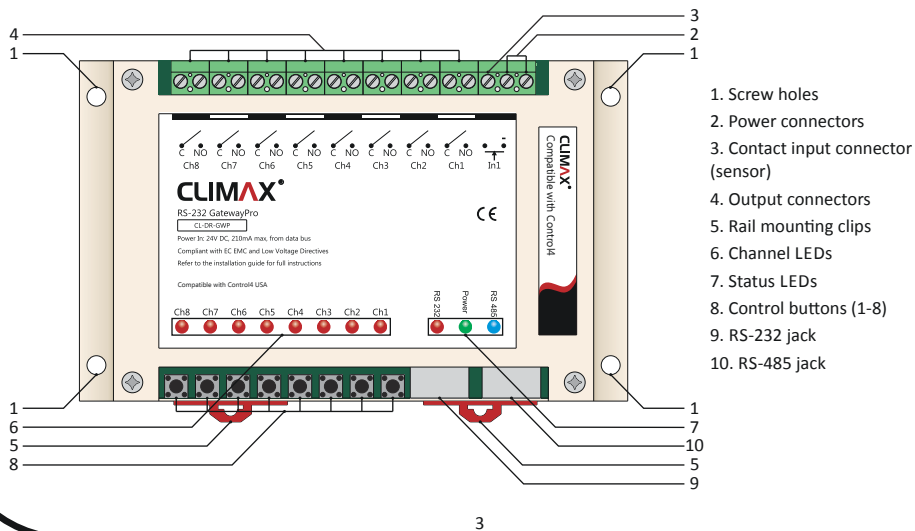


PART DESCRIPTION



1. Screw holes
2. Power connectors
3. Contact input connector (sensor)
4. Output connectors
5. Rail mounting clips
6. Channel LEDs
7. Status LEDs
8. Control buttons (1-8)
9. RS-232 jack
10. RS-485 jack

CLIMAX[®]

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INSTALLATION GUIDE version 1.0.7



RS-232 GatewayPro (CL-DR-GWP)

Product Specification	Input Voltage	12V-24V DC (24V DC is recommended)		
	Input Current	210mA (for 24V DC)		
	I/O Connections	C-Bus	1 X RJ45	
		RS-232	1 X RJ45	
		Output	8 X relay channel-8A per channel (rising-edge 5mm screw terminals)	
	Input	1 X digital dry contact input (rising-edge 5mm screw terminals)		

SETUP & PROGRAMMING

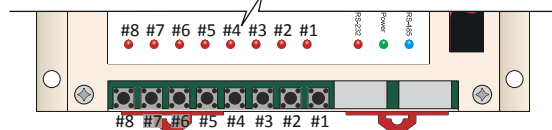
Enable/disable Autosave

If autosave function is activated, reconnecting main power will set all outputs to the last status (before power outage).

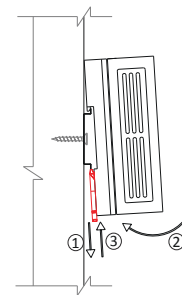
In order to enable/disable autosave follow steps below consecutively and uninterruptedly:

1. Disconnect the main power. Hold button #1 & #2 simultaneously (button's and LED's number sequence is considered from right to left as shown in following picture).
2. Reconnect the main power. Release button #2 after LEDs #1 to #4 flashed. Then release button #1 after LEDs #1 and #2 flashed. Power LED will start flashing quickly.
3. Press button #2, 4 times.
4. To disable/enable autosave mode, press button #1. LED #1 will display whether autosave mode is disabled or enabled. If it is "on" the autosave mode is enable.
5. Press button #3 to save the module address and button #4 to cancel.

⚠ It is recommended to disable autosave unless it is needed to be enabled.



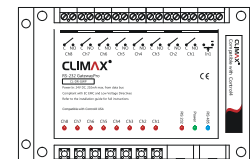
MOUNTING



Rail Mounting

RS-232 GatewayPro is designed to be installed on a standard 35 mm wide DIN rail (EN 50022, BS 5584).

Hook the module from the top, pull down the rail mounting clips, push the module to the rail and release the rail mounting clips.



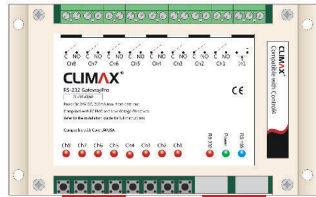
Screw Mounting

Screw the module to any surface through 4 corner screw holes.

WIRING 1

⚠ **Before wiring the device, always unplug the main power.**

Follow this wiring for network use of module.



From:
Control4 home controller

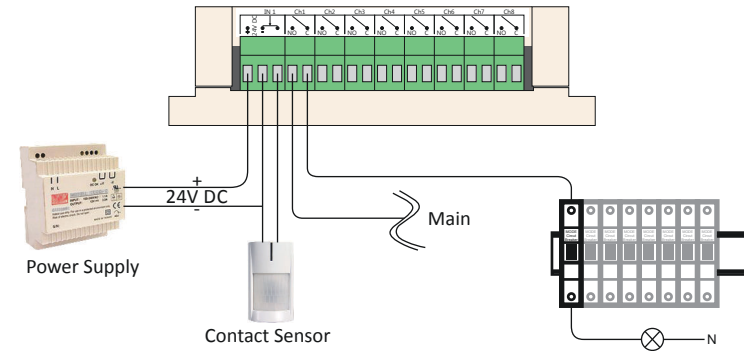
To:
Next Module (Data & Power)

⚠ **Never connect other modules to "RS-232 GatewayPro" wrongly via "RS-232 jack". it may cause damage to the connected modules.**

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WIRING 3

Follow the diagram below to apply appropriate output/input and protect module in case of unwanted short circuit.

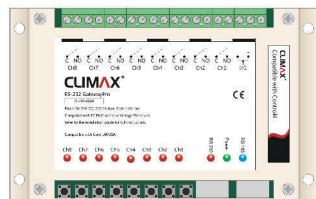


Any type of sensor with dry contact (free voltage)
normally open or normally close

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WIRING 2

When GatewayPro is not connected to any other Climax module, the main power may be supplied as following diagram.



From:
Control4 home controller

From:
Main Power 12V-24V DC

⚠ **Never connect main power to "RS-232 GatewayPro" wrongly via "RS-232 jack". It may cause damage to the module.**

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SETUP & PROGRAMMING

Module's LEDs

- **RS-485:** This LED flashes if the module receives valid data packets and will remain "on" for 5 seconds when the module is receiving invalid data packet from other devices in same C-Bus network.
- **Power:** When the module is connected to main power, all Status LEDs flash for 1 second, then "Power LED" remains "on".
- **RS-232:** This LED flashes if the module receives valid data packets and will remain "on" for 5 seconds when the module is receiving invalid data packet from Control4 Home Controller .
- **Ch1 to Ch8:** Shows the status of module's relays.



In some cases, when a new module is added to C-Bus network, all Status LEDs might remain "on" for 5 seconds. This situation must not be considered as an error.

Control Buttons

Each line output can be toggled with pushing corresponding button.

Change Device Address

The device address is fixed to "1" and is not variable.

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