

# GY2

## TECHNICAL SHEET



### DIN MODULE GATEWAY

#### DESCRIPTION

The GY2 module from Secant is a Gateway between the Secant Snet communication network and other networks with a standard RS232 communication port. The GY2 module offers two independent RS232 communication ports.

With this GY2 gateway it is possible to manage lighting devices using Centralite Jetstream™, Lutron RadioRa® or Leviton Vizia.

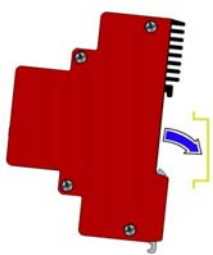
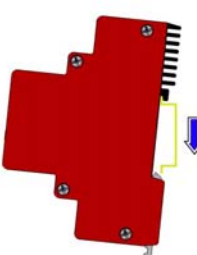

The GY2 module is easy to program as you just have to connect it to a PC through the USB port and install the « SECANT PROFESSIONAL INSTALLER » software. Please contact us at [info@secant.ca](mailto:info@secant.ca) to get the latest version.

#### TECHNICAL SPECIFICATIONS

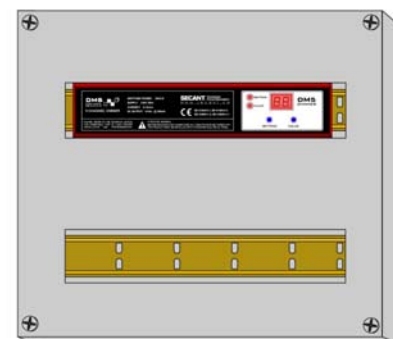
<b>Power</b>	TBT :	Voltage	9 Vdc Nominal, 15 Vdc Max
	TBT :	Current	250mA
<b>Number of emulated channels</b>	160 per GY2		
<b>Communication</b>	Secant network (SNet)		
<b>Operating temperature range</b>	0 °C minimum, 45 °C maximum		
<b>Storage temperature range</b>	-10 °C minimum, 60 °C maximum		
<b>Dimensions</b>	DIN 6M format, length 105 mm, height 101 mm, width 73 mm		
<b>Weight</b>	382 g. (0.842lbs)		
<b>Material</b>	Aluminium ( <i>protection and color by anodizing process</i> )		

# INSTALLATION

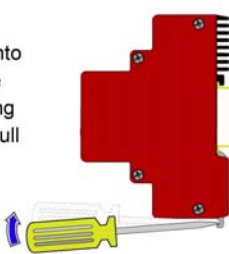
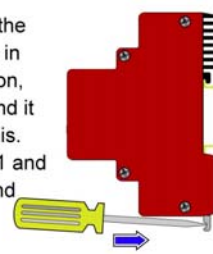
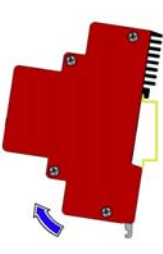
## HOW TO MOUNT THE GY2 ONTO THE RAIL.

<p>1</p> <p>Apply the GY2 module onto the rail starting with the fixed part of the fixation device.</p> 	<p>2</p> <p>Slide the module downward so as to make sure that it is well mounted on to the rail.</p> 	<p>3</p> <p>Press on the bottom part of the GY2 until the "click" of the fixation device</p> 
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## INSTALLATION INTO THE ELECTRICAL PANEL.

	<p style="text-align: center;"><b>WARNING / ATTENTION</b></p> <ul style="list-style-type: none"><li>• The GY2 module is designed to be mounted onto a standard EN50022 rail DIN according to the DIN 43880 standard.</li><li>• The installation of the GY2 module should be done into an electrical panel with a screwed board so as to prevent any access to the terminal blocks. The panel should comply to all local rules and standards.</li><li>• The GY2 module should be horizontally mounted only.</li><li>• Make sure that the installation be perform in a well dimensioned panel. Each GY2 require at least 3000 cm<sup>3</sup> of free air. A fan may be necessary.</li></ul>
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## HOW TO DISMOUNT THE DM5 FROM THE RAIL.

<p>1</p> <p>Insert a flat screw driver into the slot of one of the two fixing devices and pull outward.</p> 	<p>2</p> <p>While holding the fixation device in outward position, push it back and it will block as this. Repeat steps 1 and 2 for the second fixing device.</p> 	<p>3</p> <p>Once the two fixing devices are opens, it is possible to dismount the DM5 module from the rail by pulling it upward.</p> 
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## SETTINGS AND PROGRAMMING

The programming of the GY2 module is done through the « SECANT PROFESSIONNAL INSTALLER ». Please refer to to the Gy2 programming sheet (GY2\_PN\_Rev01En) for the programming process. The GY2 module also offers settings of its own as described below:

## SETTING DESCRIPTION

The following chart lists all available settings along with their identification numbers.

<b>Id</b>	<b>Description</b>
1	Module address on the SNet network
99	Restore to default settings

Values showed in bold and marked as ( ) are default presets.

<b>Setting #1: Module address on the Snet network</b>	
<i>Address of this module on the communication network. At this time <b>only one</b> GY2 module is allowed per installation therefore the address is “1” and cannot be changed.</i>	
<b>Value</b>	<b>Description</b>
0	Shows that the module does not communicate on the Snet network.
<b>(1)</b>	Shows that the module communicate properly on the Snet network.

**NOTE:** in the case of an installation also having Secant DP5 and DM5 lighting modules, it is mandatory to know the exact number of lights that will be managed by the GY2 module in order to properly specify the addresses of all other devices on the Snet. Each DP5 or DM5 lighting module having 5 channels each should be numbered regarding light grouping:

<b>Devices on SNet</b>	<b>Light groups</b>	<b>Module address</b>
1	1 to 5	1
2	6 to 10	2
3	11 to 15	3
And so on...		

**Exemple :** if 10 lights are managed by the GY2 module, the Snet address of the next module will be 3. If the number of lights managed by the GY2 is not a multiple of 5 then it will be important to round the address of the next module to the next 5 light group.

### **Parameter #99 : back to default presets**

When choosing « 1 » for parameter #99 the GY2 module will automatically revert to its default settings.

Value	Description
(0)	Keep the current settings.
1	Back to default settings

**WARNING: this action is NOT reversible as all settings will get back to factory settings.**

## INFORMATION

### To order

GY2 Din module ⇒ GY2

## WARRANTY

SECANT Home Automation inc. warrants goods of its manufacture as being free of defective materials and faulty workmanship for a period of three (3) years. If goods under warranty are returned to SECANT during the period of coverage SECANT will repair or replace at no charge (except shipping) all items it finds defective. The warranty does not apply to defective products due to incorrect or abusive use.

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