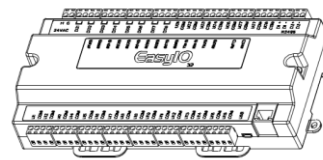# FG-32 Installation Guide

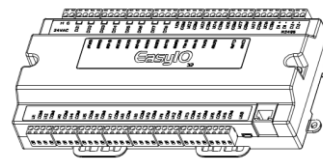**Document Change Log**

26thMarch 2013
Document created.

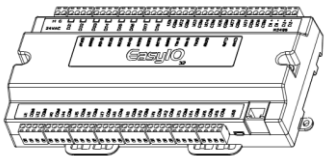**27th Dec 2013**
Micro SD card installation

Disclaimer

EasyIO FG-32 is a product by EasyIO Holdings Pte Ltd

The EasyIO FG-32 was built on the Sedona Framework ®.

Sedona Framework is a trademark of Tridium, Inc.
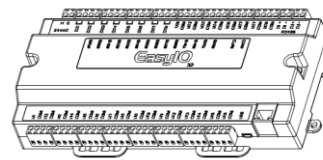
Table of Contents

Introduction

This document provides the installation guide/mounting guide for the EasyIO FG-32 controller.
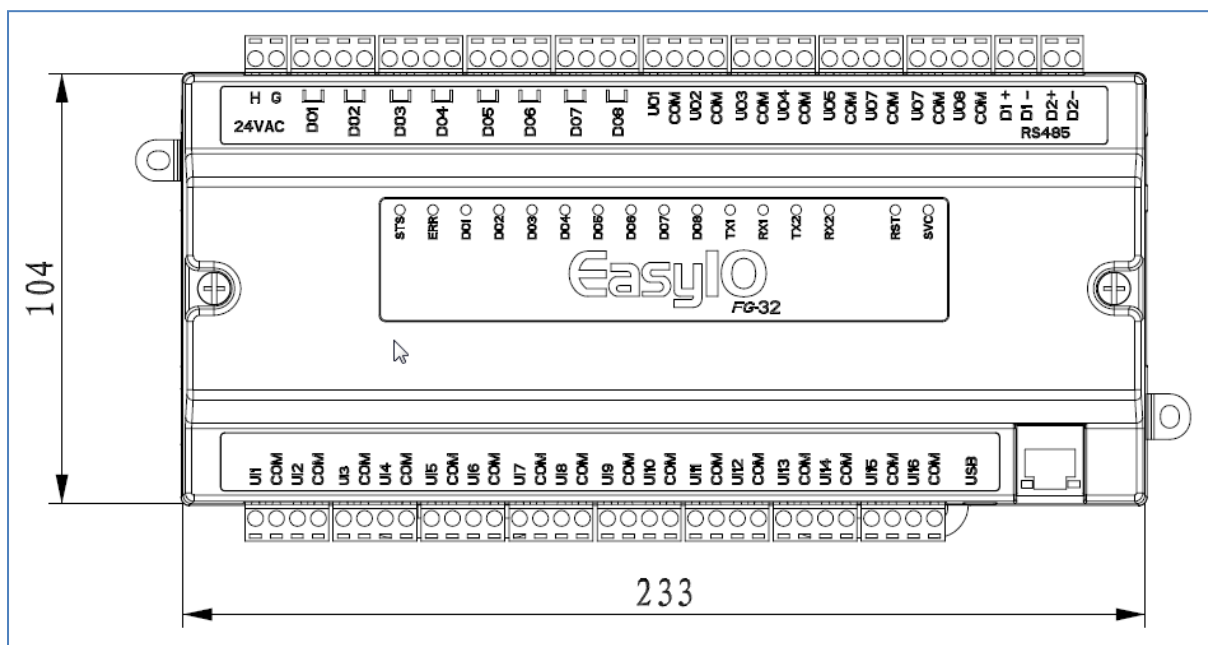
Do not mount the EasyIO FG-32:

- In an area where excessive moisture, corrosive fumes or explosion vapors are present.
- Where excessive vibration or shock is likely occur
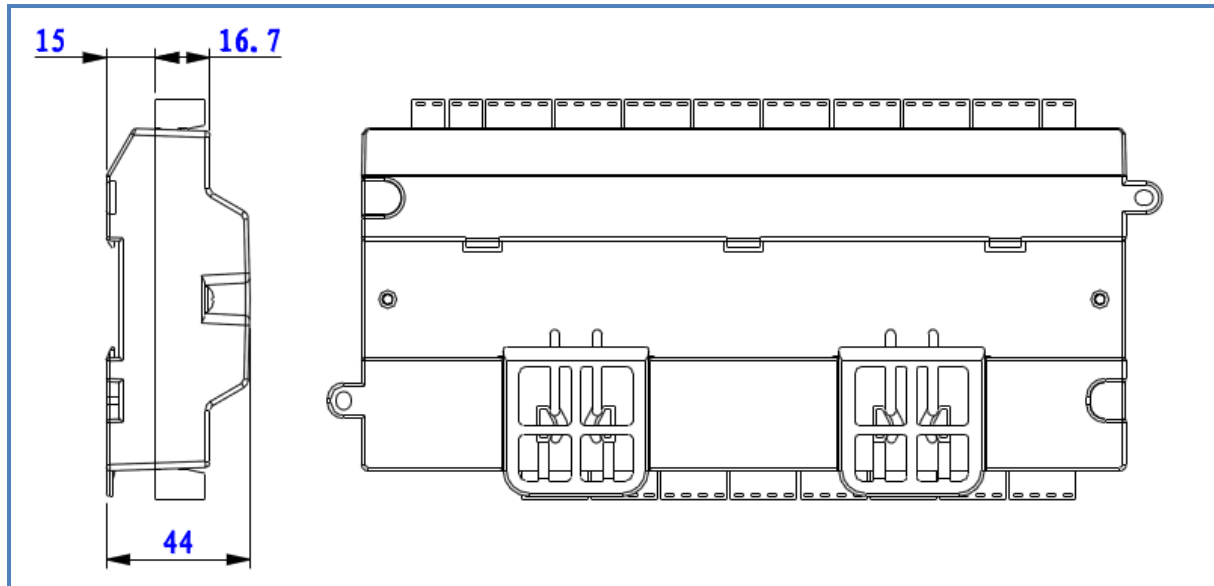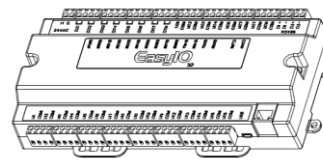- Location where excessive electrical noise such as large magnetic interference or variable speed drive modules
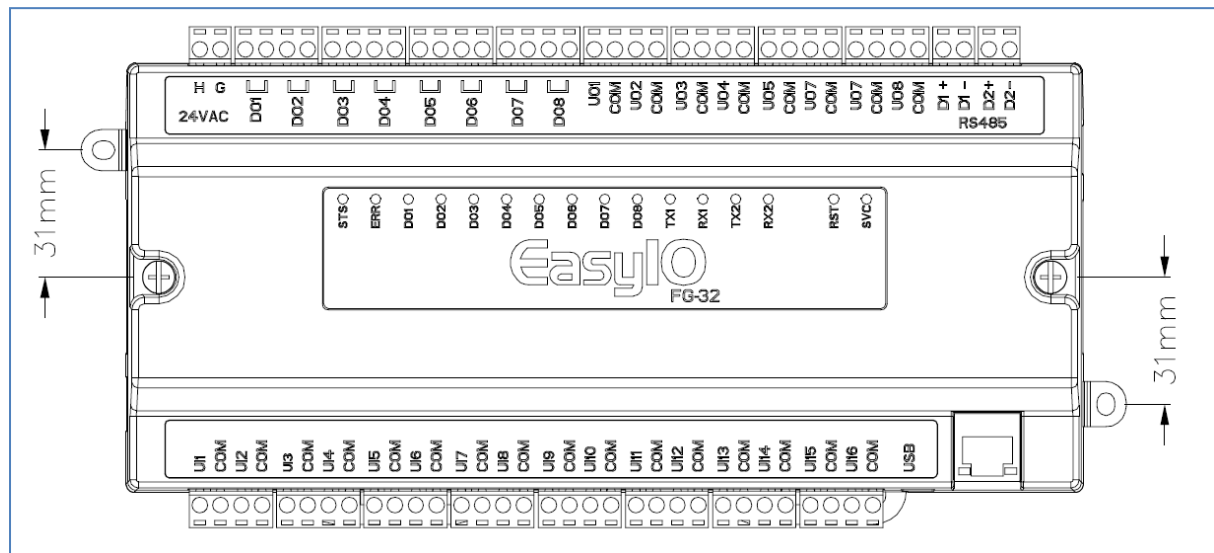
Dimension

Below are the dimensions of the device.

Below are the dimensions for the EasyIO FG-32.

Top View. Width including connectors is approx 124mm

Side view and back view.
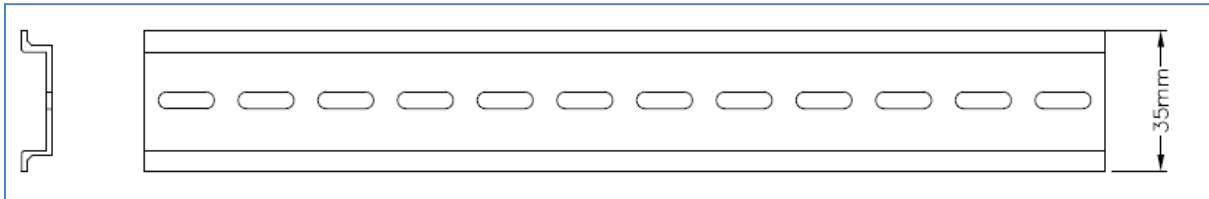*Improved DIN rail mounting for easy dismantling.*

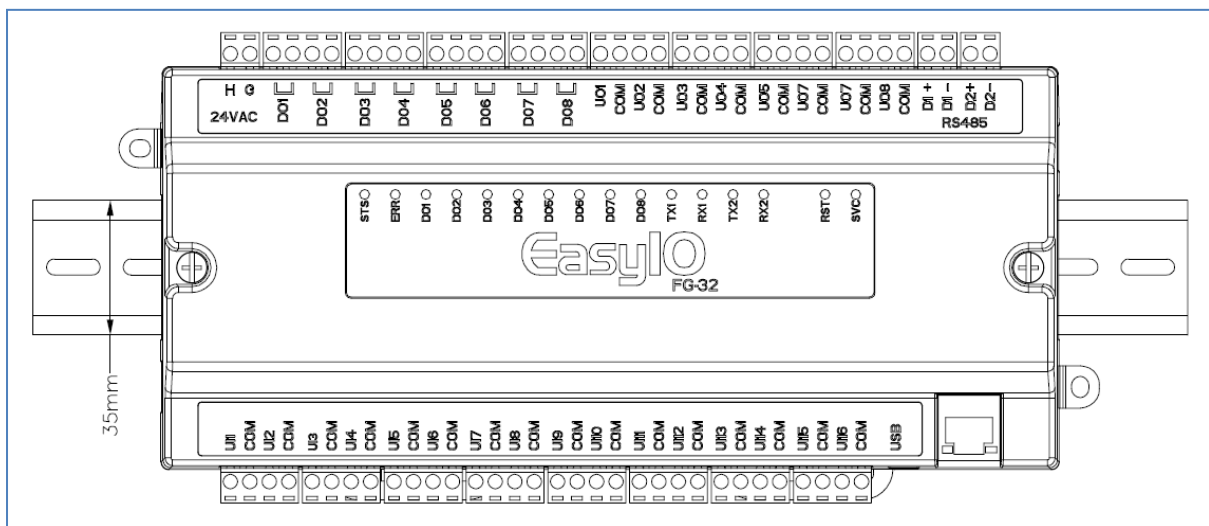*Alternate mounting option dimension*

Physical Installation Instructions

Step 1
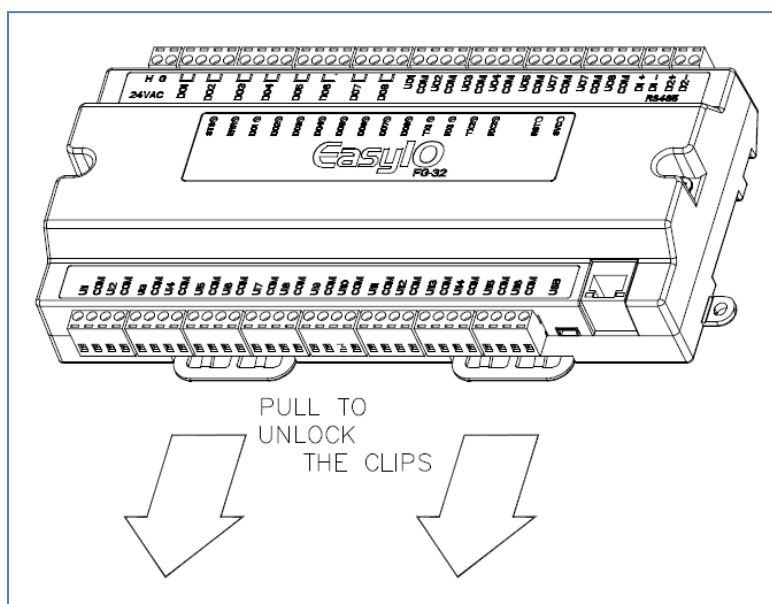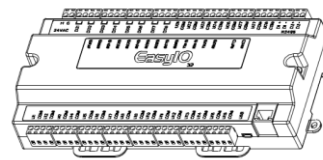Securely fasten the DIN rail to the enclosure base plate. A standard DIN rail width 35mm.
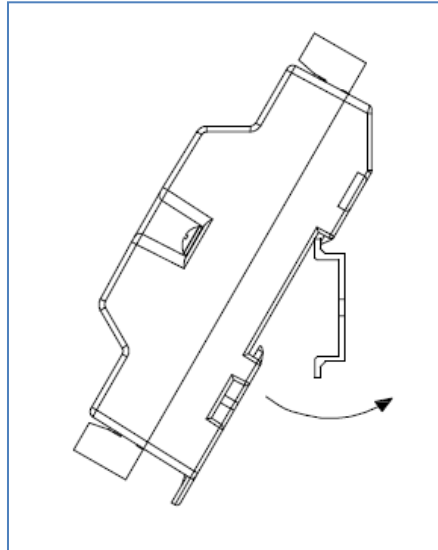

Typical industrial DIN rail, 35mm

Step 2
Use a screwdriver to unlock the 2 numbers of locking clips. Eventually you may use your finger.

Step 3
Position the EasyIO FG-32 on the DIN rail mount till it hooks over the top edge of the DIN rail.
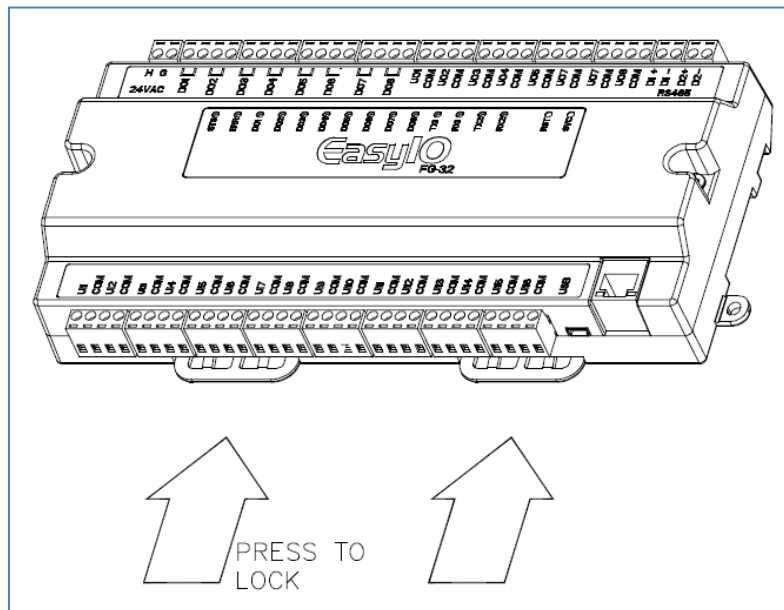

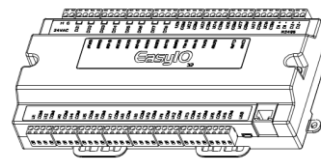*Push the controller towards the bottom part of the DIN rail*

Step 4
Press/flatten the EasyIO FG-32 to make sure the bottom of the base cover touches the enclosure base plate.

Step 5
Use a screwdriver to lock the locking clips to secure the EasyIO FG-32 to the DIN rail. Eventually you may use your finger to press upwards and lock the clip to the DIN rail.
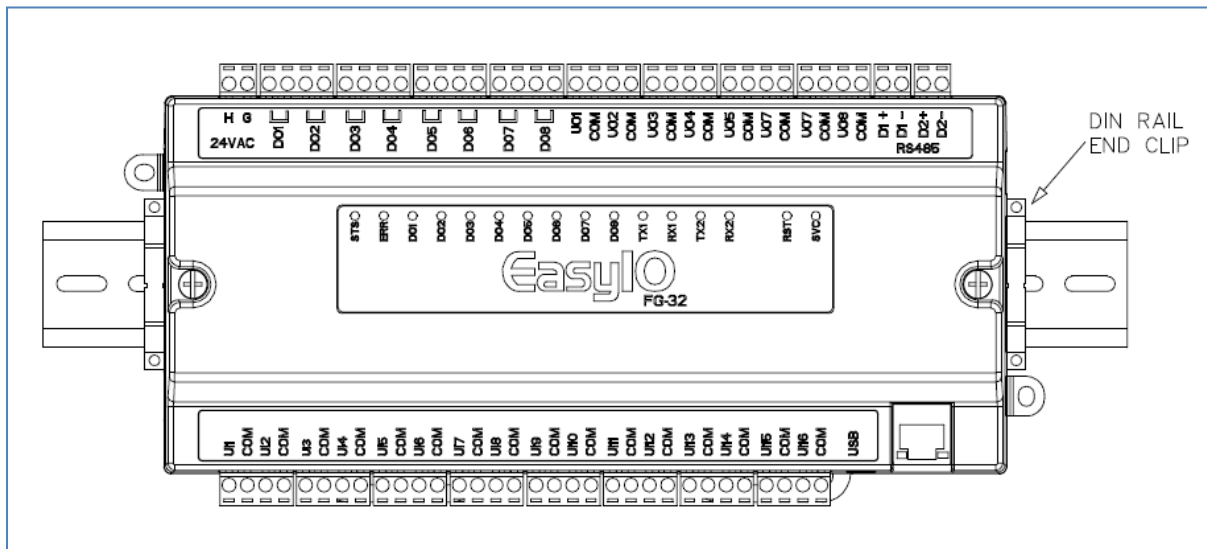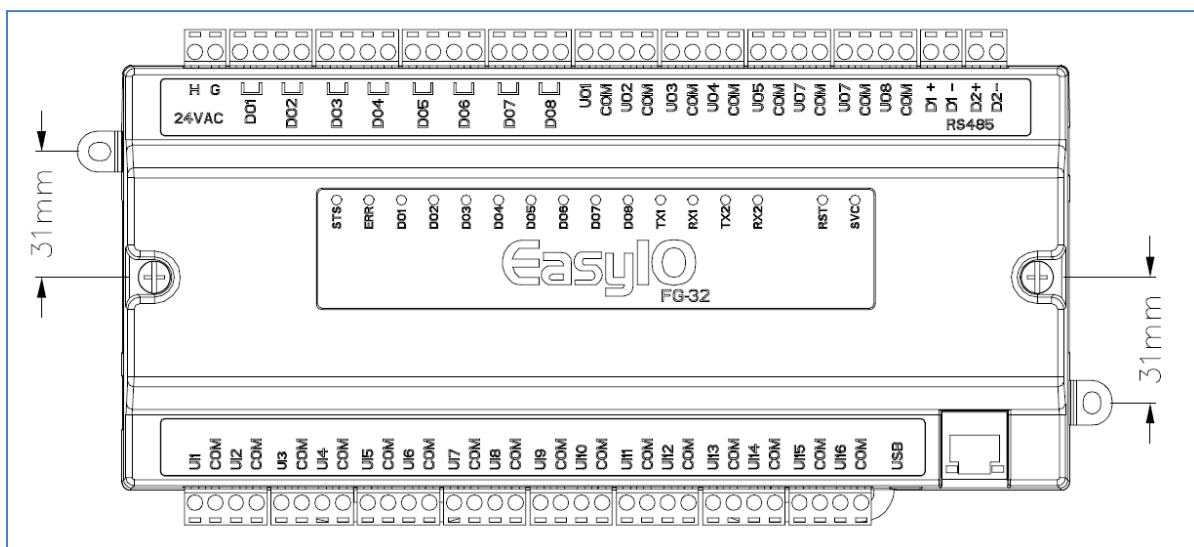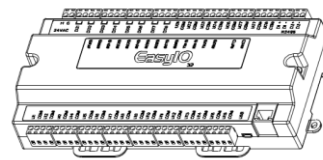

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Step 6
To keep the assembly secures a DIN rail end clip can be use.

Image shows a typical "DIN rail end clip(end stopper)"

The EasyIO FG-32 comes with 2 mounting holes as optional mounting. Occasionally if DIN rail mounting is not practical, you can use screws to mount the EasyIO FG-32 to an enclosure base plate.
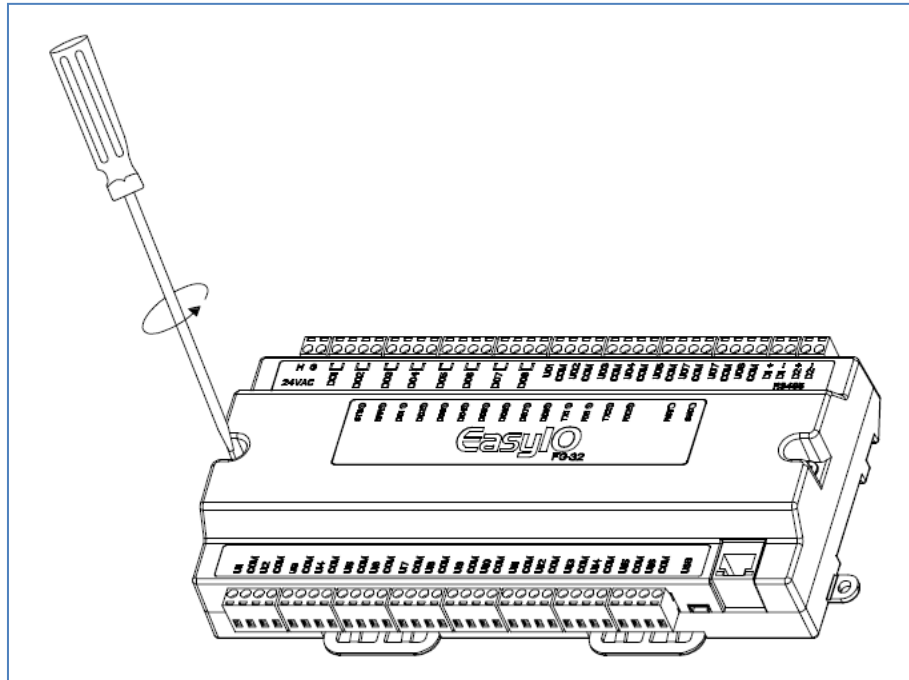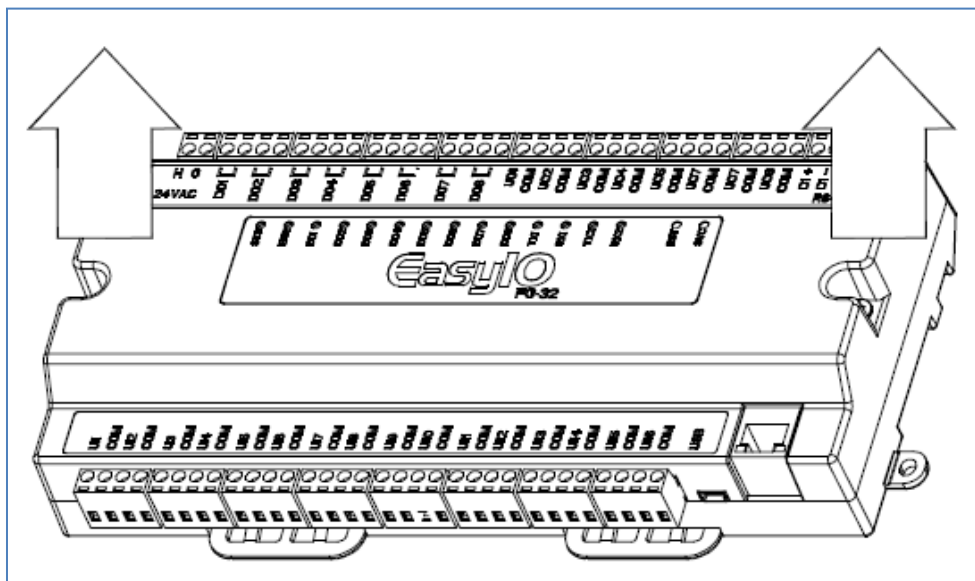
Opening the Top Cover

Step 1
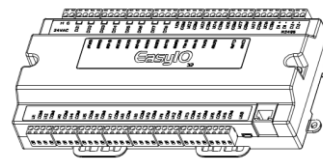Use a Philips screwdriver to unscrew the 2 Philips screw located on top the top cover.

Remove the 2 Button HeadPhilips screws

Step 2
Hold both end of the top cover to lift up the top cover. Occasionally a small flat head screw driver might come handy in case the top cover stuck to the bottom cover.

Hold both sides and lift up the top cover

Micro SD Card Installation

Each EasyIO FG Series comes with a micro SD memory card slot.

Specifications	Remark
Brand tested recommended	Transend, Kingston
Capacity tested	2GB, 4GB, 8GB, 16GB
Class	Class 4
	Class 10

Please note that the Micro SD card in the EasyIO FG Series is optional and the controller does not complete with the SD Micro Card as standard. The SD Micro card can be purchased separately that have the following specifications.
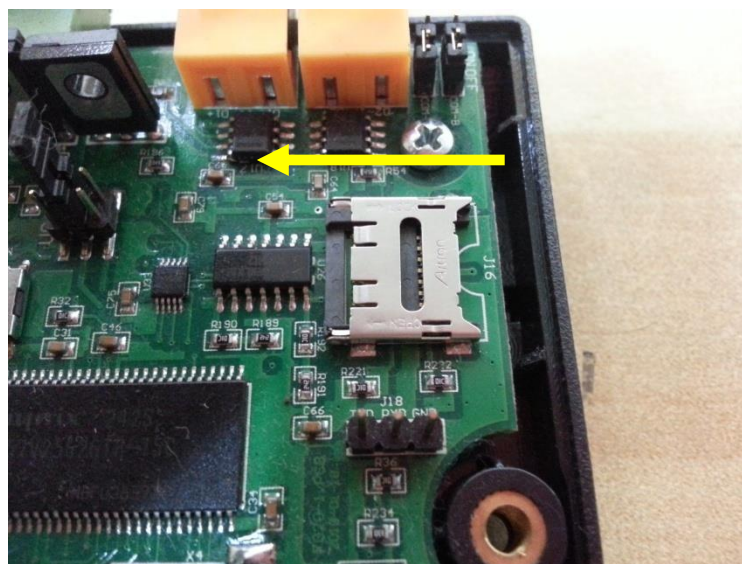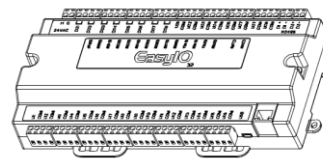
Step 1
Locate the micro SD card slot at the top right corner.

Step 2
Slide the metal cage towards the inside of the controller.

Step 3
Carefully lift the metal cage up approximately 120^0 towards the left.
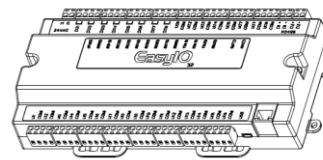

Step 4
Insert/place the micro SD card. Make sure the micro SD card pins are in contact with the micro SD card slot.
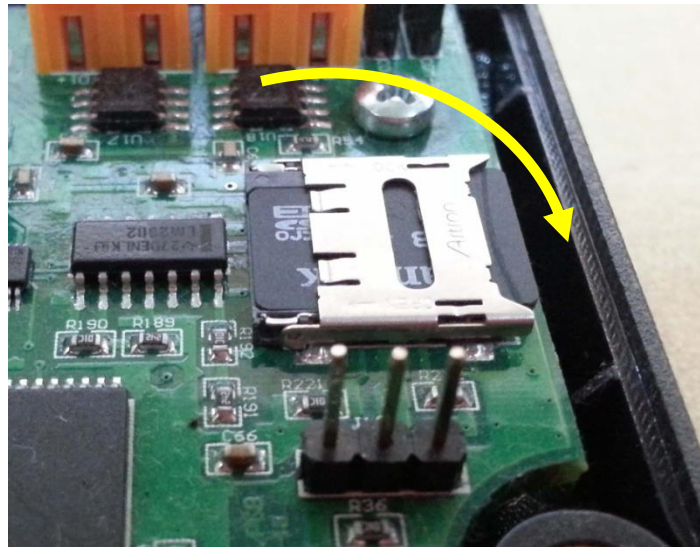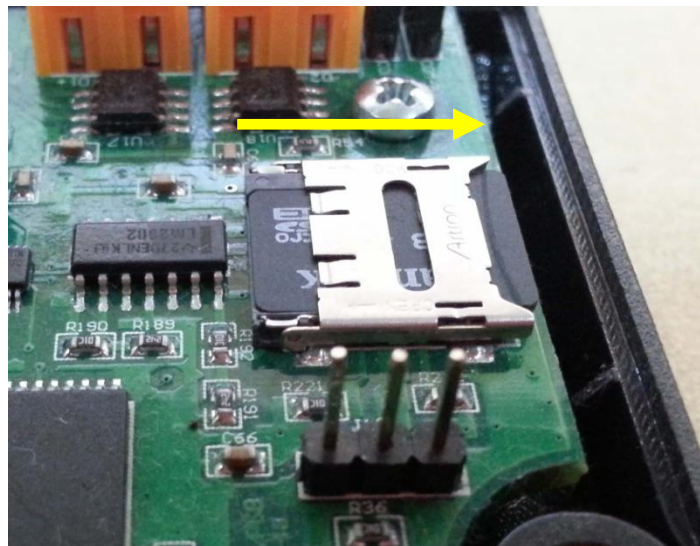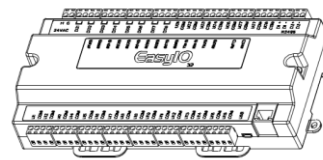Optionally use some alcohol solution to clean the contact pins.

Step 5
Close the metal cage by tilting it downwards towards the right.

Step 6
Press metal cage firmly down and slide it outside of the controller towards the right to secure the micro SD card.

Technical Support

For technical issue, please contact

Email :support@easyio.com