

























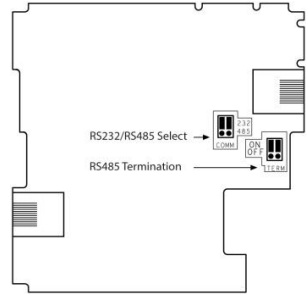
### Setting RS232/RS485 Communication Parameters, V130/V350/V130J/V350J

This port may be set to either RS232 or RS485 via jumper. The accompanying figure shows the jumper factory default settings.

These jumpers may be used to:

- Set communications to RS485, by setting both COMM jumpers to '485'.
- Set RS485 termination, by setting both TERM jumpers to 'OFF'.

To access the jumpers, you must open the controller according to the instructions on page 13.



### Setting RS232/RS485 Communication Parameters, V430J

This port may be set to either RS232 or RS485 via DIP switches:

The table shows the DIP switches factory default settings. Use the table to adapt the settings.

	Switch Settings					
	1	2	3	4	5	6
<b>RS232*</b>	ON	OFF	OFF	ON	OFF	OFF
<b>RS485</b>	OFF	ON	ON	OFF	OFF	OFF
<b>RS485 with termination**</b>	OFF	ON	ON	OFF	ON	ON

\* Default factory setting

\*\* Causes the unit to function as an end unit in an RS485 network

### USB Port

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**Caution**   ▪ The USB port is not isolated.  
Make sure that the PC and the controller are grounded to same potential.

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The USB port may be used for programming, OS download, and PC access.

## **Opening the Controller**



- Before performing these actions, touch a grounded object to discharge any electrostatic charge.
  - Avoid touching the PCB board directly. Hold the PCB board by its connectors.
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1. Turn off the power supply, disconnect, and dismount the controller.
2. The back cover of the controller comprises 4 screws, located in the corners.  
Remove the screws, and pull off the back cover.

## **Changing I/O Settings**

After opening the controller and exposing the I/O board, you can change the jumper settings according to the table shown above.

## **Changing Communication Settings (V130/V350/V130J/V350J Only)**

1. To access the communication jumpers, hold the I/O PCB board by its top and bottom connectors and steadily pull the board off.
2. Locate the jumpers, and then change the settings as required, according to the jumpers' settings shown on page 12.

## **Closing the Controller**

1. Gently replace the board. Make certain that the pins fit correctly into their matching receptacle.  
Do not force the board into place; doing so may damage the controller.
2. Replace the back cover of the controller and fasten the corner screws.

**Note that you must replace the back cover securely before powering up the controller.**

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