



# DRC-011

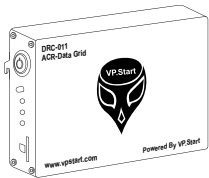
## Installation Instruction



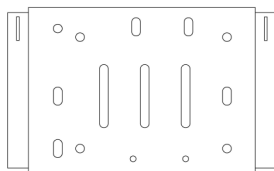
## I. Introduction

The DRC-011, is a smart controller for ENTEC Auto Reclosers. Through the smart-controller, operators can gain remote control & monitoring capabilities over medium voltage distribution grid operations (22kV & 35kV). Operators benefit from greater insights such as line fault activity, power information, power quality data and other vital information that help minimize outages, outage duration and increase power reliability.

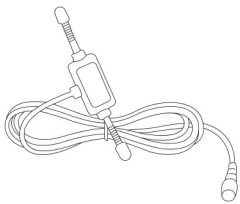
## II. Accessory



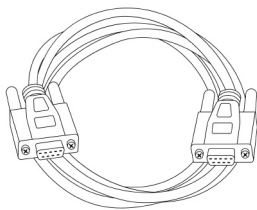
DRC-011 Controller  
(1pc)



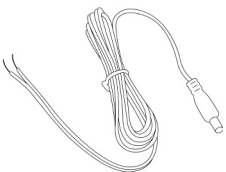
Controller Support  
(1pc)



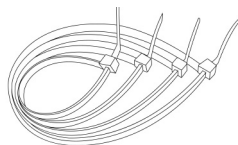
GSM Antenna  
(1pc)



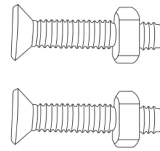
Serial Cable  
(Male to Female)  
(1pc)



DC Power Cable  
(1pc)



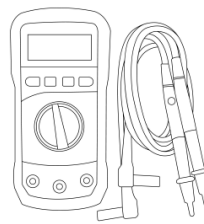
Cable Tie (6pcs)



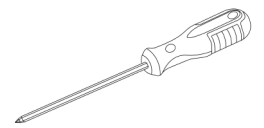
Screw + Nut  
(M4\*15cm) (2pcs)

## III. Installation Procedure

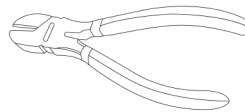
### Tools Support



Multimeter



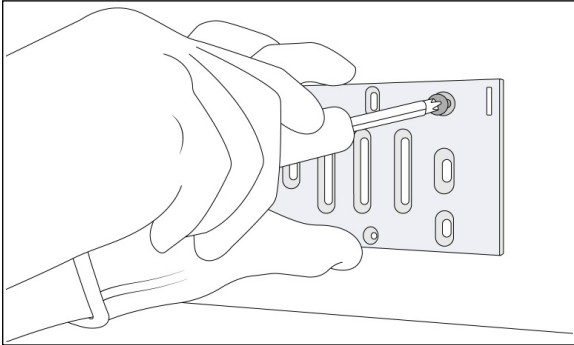
Screwdriver PH2



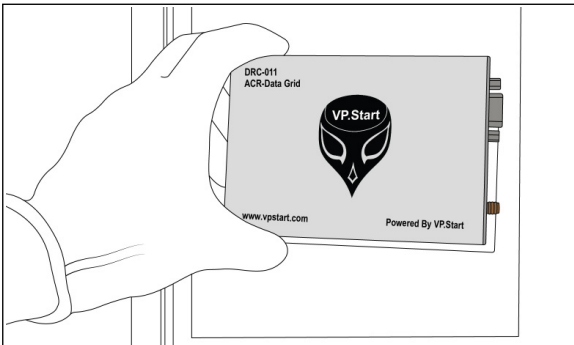
Diagonal Cutting  
Pliers

## 📍 Controller Installation Process

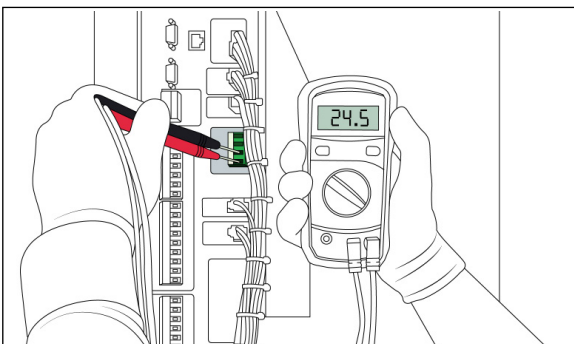
- 01 Mount the controller support in the ENTEC cabinet.



- 02 Mount the DRC-011 controller on its support.



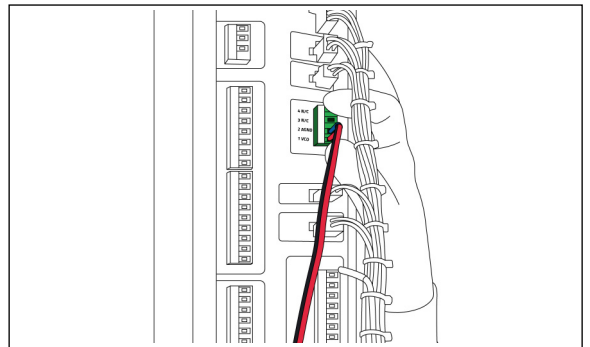
- 03 On ENTEC DC auxiliary power out terminal, check the voltage through pin 1 (VCC) and pin 2 (AGND).



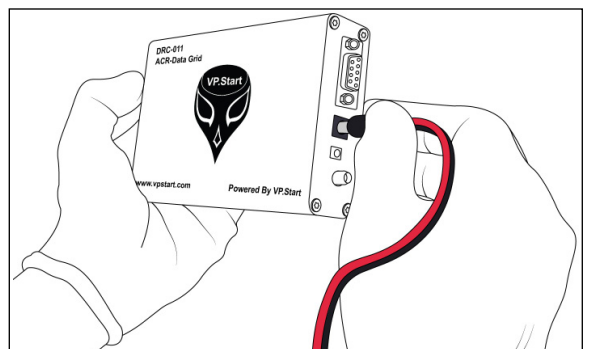
### ⚠ NOTE

- 📍 The voltage shall be around 24VDC.

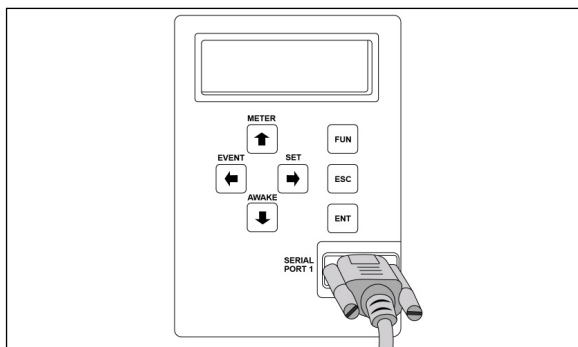
- 04 Connect DC Power Cable by the Red Cable to pin 1 VCC and Black Cable to pin 2 AGND.



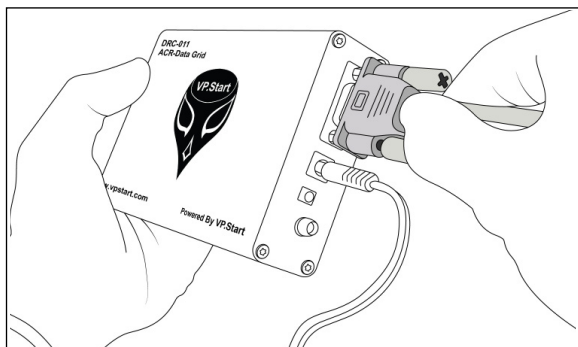
- 05 Then connect to the DC 24V port on DRC-011 Controller.



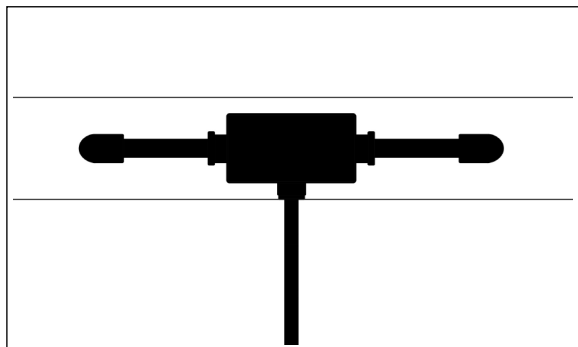
- 06** Connect Serial Cable (Female) to SERIAL PORT 1 on ENTEC Controller.



- 07** Connect Serial Cable (Male) to RS232 port on DRC-011 Controller.



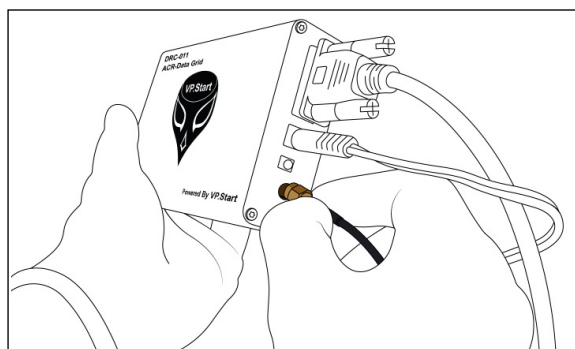
- 08** Install GSM Antenna to the appropriate area at site.



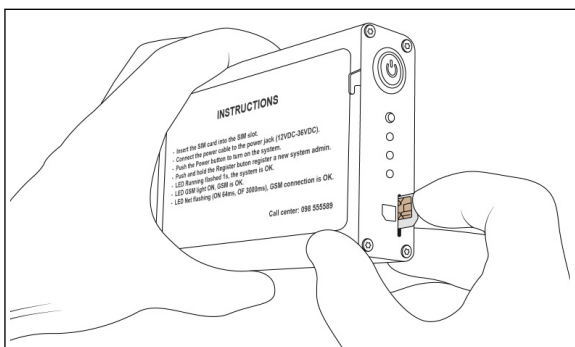
## NOTE

- The area that allows the antenna get better signal strength.

- 09** Then connect to the ANT port on the DRC-011 controller.

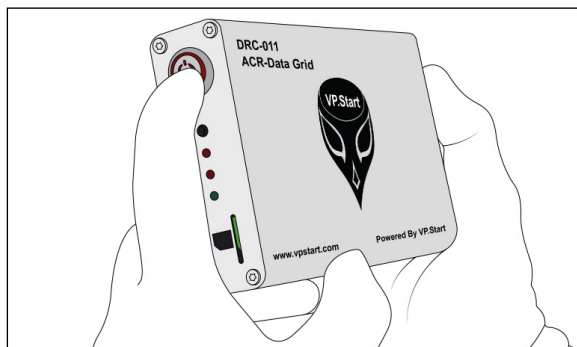


- 10** Insert micro SIM into SIM Slot on DRC-011.





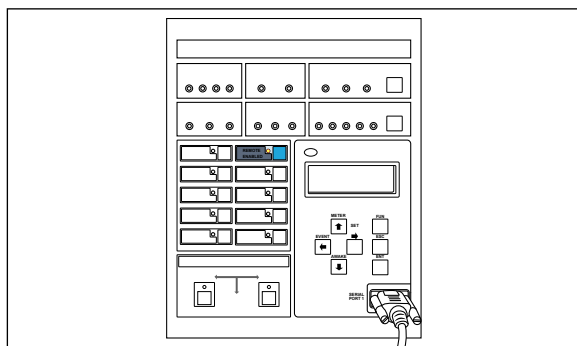
- 11** To start up the DRC-011, by pushing the Power button.



**NOTE**

- The DRC-011 is running normally if the running LED is blinking every 1s.
- The GSM connection is Good if Net LED flashing every 3s.
- The GSM Module is Okay if GSM LED is ON.

- 12** Turn on REMOTE ENABLED.





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