



# DRC-010

## Installation Instruction



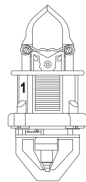
## I. Introduction

The DRC-010 is a smart controller for overhead lines, temporary and permanent power line fault indicators. With the DRC-010, management and sectionalization of overhead distribution lines are now easier, faster and inexpensive for operators. Operators benefit from vital data-driven insights on overhead line activities, such as temporary or permanent faults for enhanced monitoring benefits. This amongst other features operators can access through Smartphone app or RPM Grid system (PC) results in higher energy reliability for consumers (min 80% down-time reduction), lower OPEX/CAPEX, better asset protection and higher safety for maintenance crews.

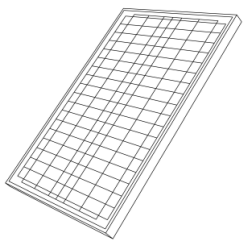
## II. Accessory



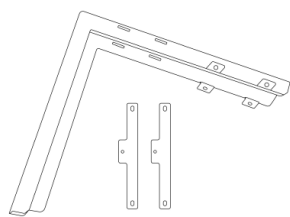
DRC-010 Controller  
(1pc)



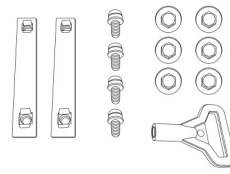
Fault Indicator (FI)  
(3pcs)



Solar Panel 18V/20W  
(1pc)



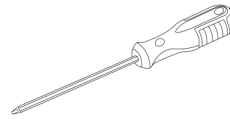
Solar Support (1set)



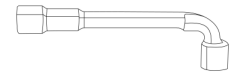
Solar Screw  
(1set)

## III. Installation Procedure

### Tools Support



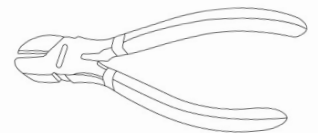
Screwdriver PH2



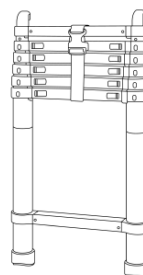
L Type Wrench  
10mm



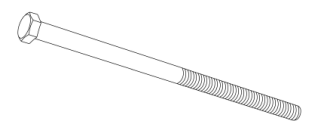
Open-End Wrench  
10mm



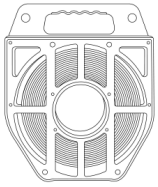
Diagonal Cutting  
Pliers



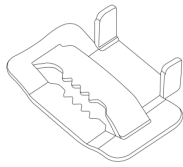
Ladder



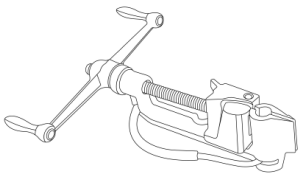
Climbing Steel



Stainless Steel Strap



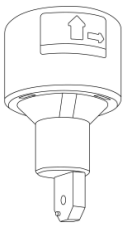
Stainless Steel Strapping Buckle



Stainless Steel Strap Spinner Tensioner



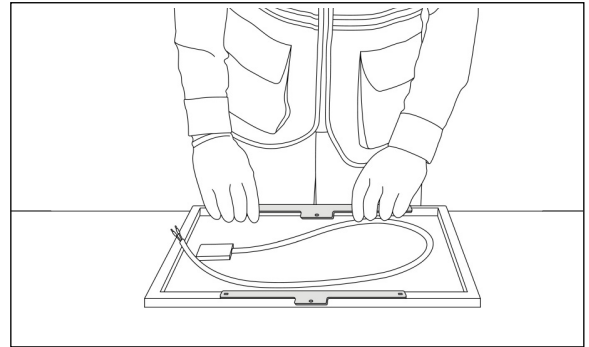
Telescopic Hot Stick



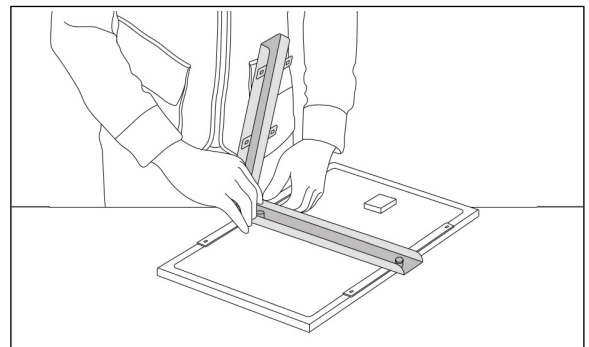
Mounting Adapter FI

## ☛ Controller Installation Process

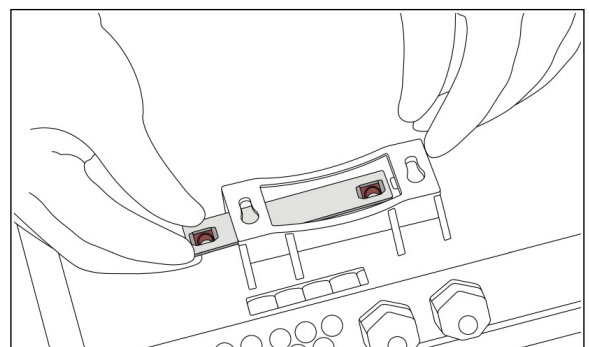
- 01 Install Solar Panel and Solar Support with 4 Solar Bolts.



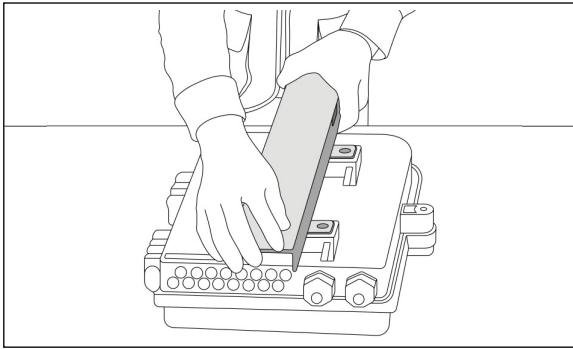
- 02 Install Solar Support with other 2 Solar Bolts.



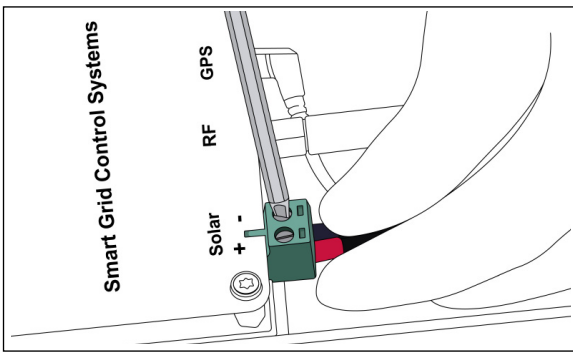
- 03 Insert Controller Support in DRC-010 Controller.



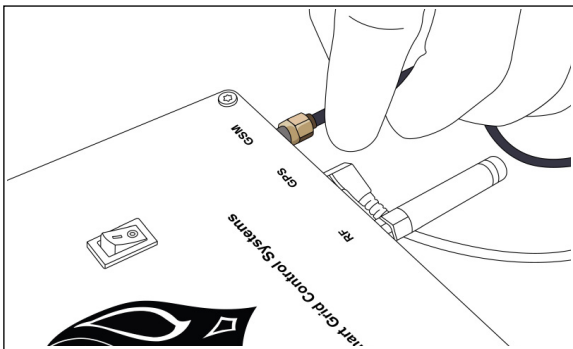
- 04** Install Solar Panel and its support with Controller Support and DRC-010 Controller by 4 bolts.



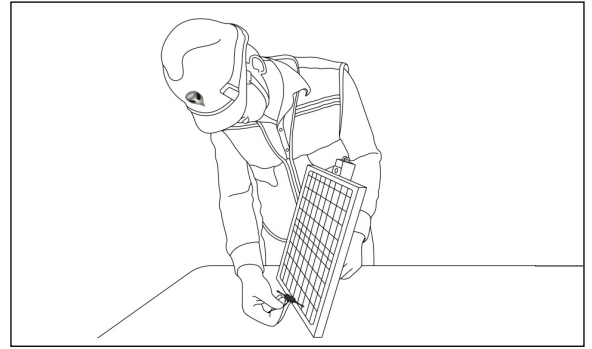
- 05** Connect Solar Cable with Solar connector.



- 06** Connect GSM antenna cable with GSM connector.



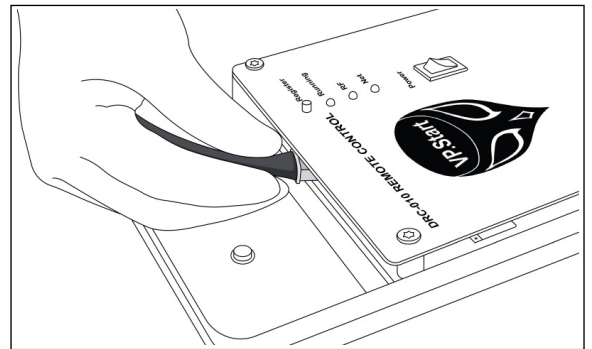
- 07** Install GSM Antenna on Solar Support or appropriate area on site.



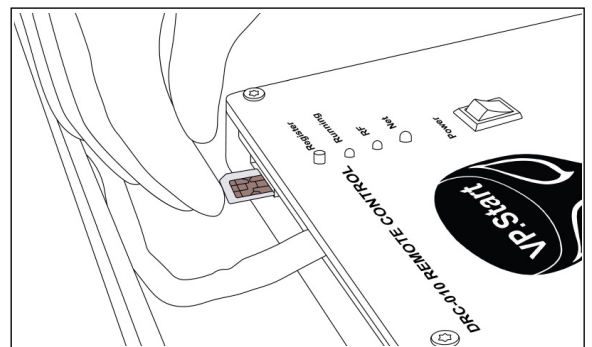
**NOTE**

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

- 08** Connect battery cable with battery connector.

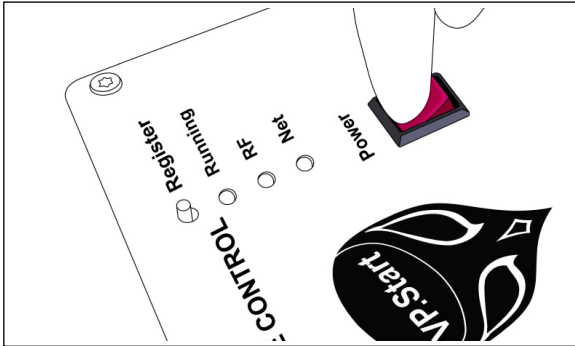


- 09** Insert micro SIM into SIM Slot on DRC-010.

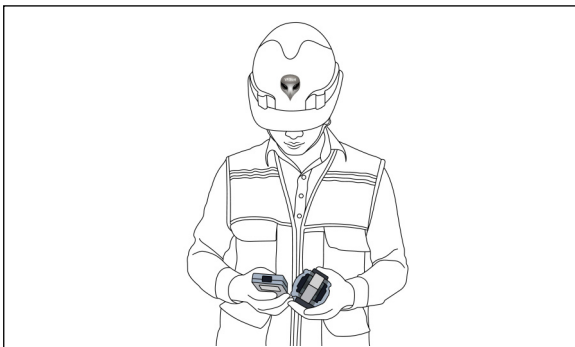




**10** To Start up the DRC-010, turn on Power button.



**11** Setting all 3 Fault Indicator (FI) parameters by PDA.

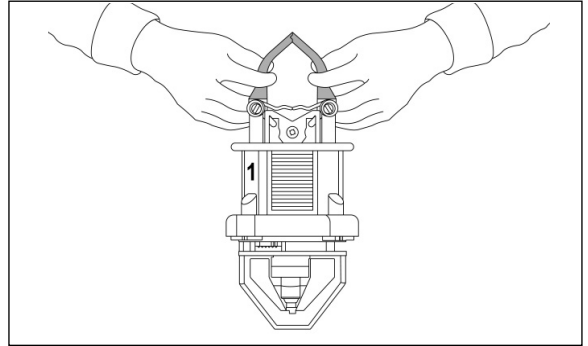


**NOTE**

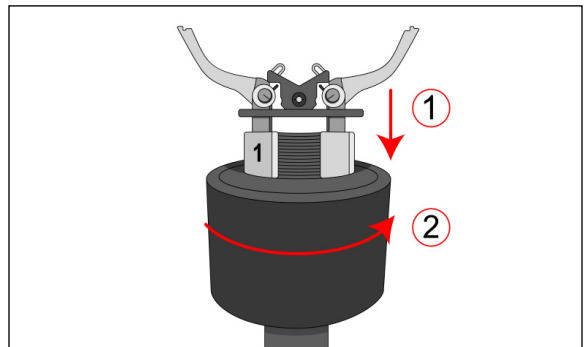
Fault Indicator parameter setting:

- 📍 Terminal Address
- 📍 Response Delay
- 📍 Reclosing Time
- 📍 Longest Time
- 📍 Trip Current
- 📍 Upload Time
- 📍 Short Circuit

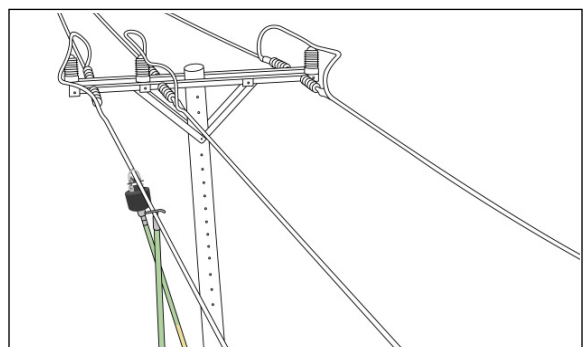
**12** Install all 3 Fault Indicators, open CT sensor.



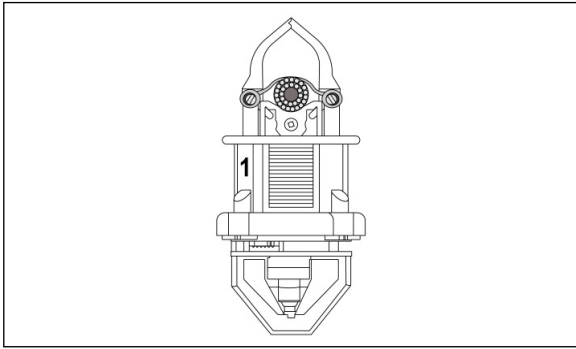
**13** Insert Fault Indicator in Adapter FI then rotate to right.



**14** Install 1st Fault Indicator to Phase A, by push up Fault Indicator to the power line then rotate Adapter FI to left.



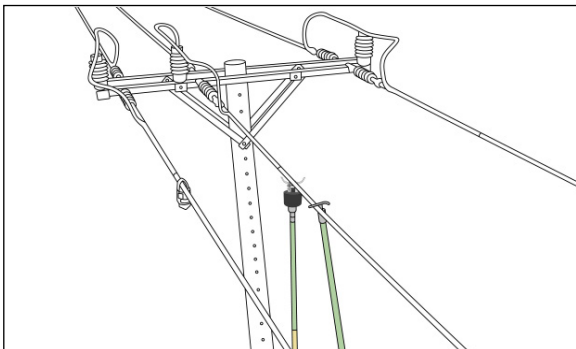
**15** The right Fault Indicator installation.



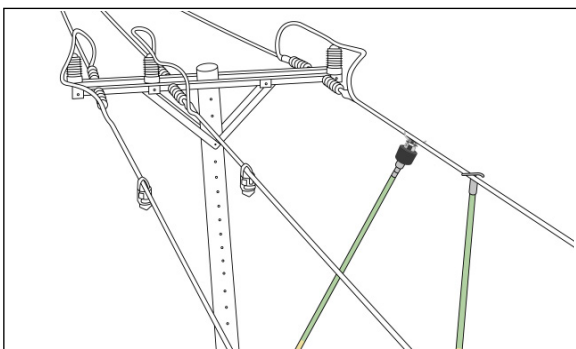
**NOTE**

⚠ The Fault Indicator Spring Clip closes with the power line.

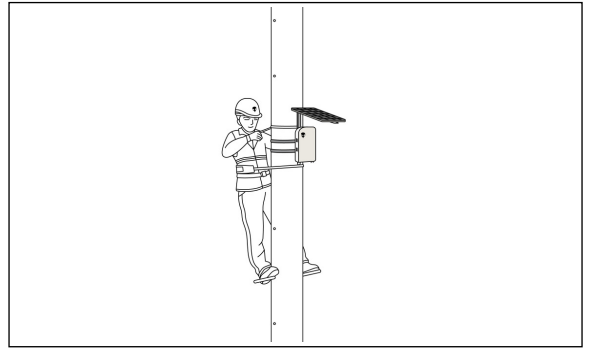
**16** Install 2nd Fault Indicator to Phase B.



**17** Install 3rd Fault Indicator to Phase C.



**18** Install DRC-010 on the pole.



**19** DRC-010 Solution installed.

