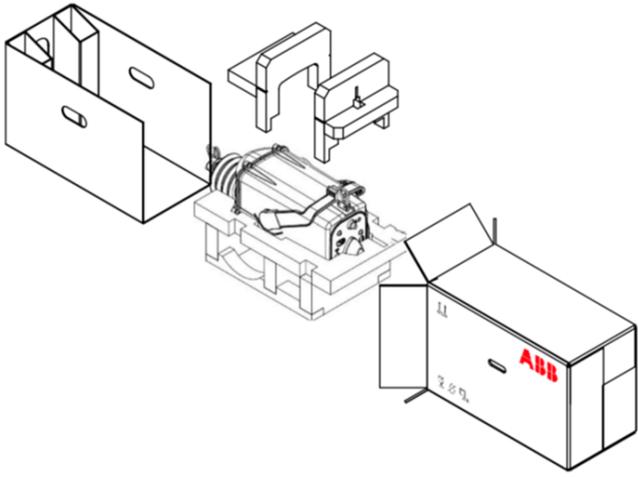


Eagle Quick Start Guide

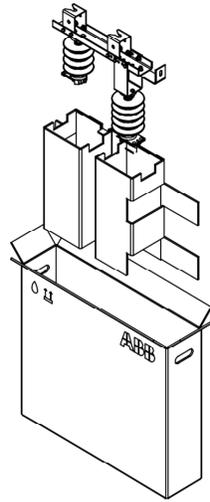
1YEPTSS0020E004 Rev B, June 2024



Welcome to Eagle



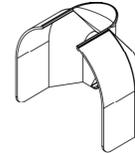
Eagle Packaging (x1)



Mount Packaging (x1)



Aux Power Supply (x1)

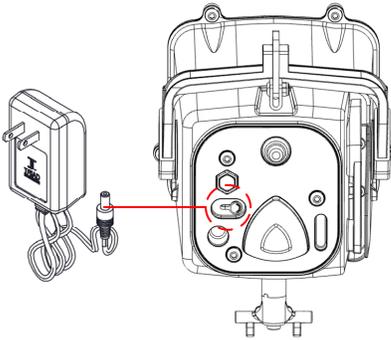


Animal Guard (x2)



Animal Guard (x1)

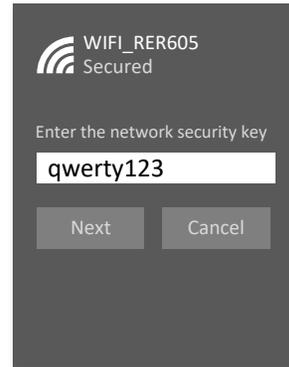
Connecting to Eagle



Connect Aux Power Supply



Connect to Eagle Wi-Fi



Enter the Default Password

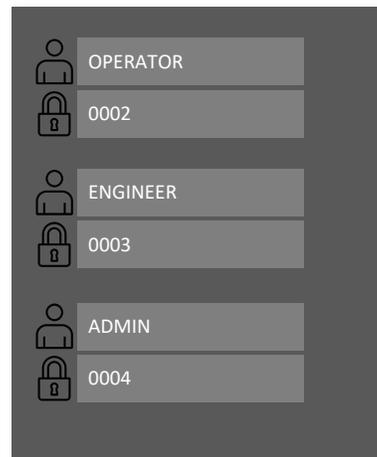
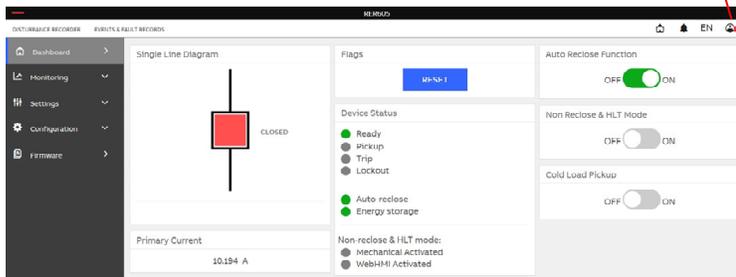


<https://rer605.abb.com>

Navigate to Eagle Web-HMI



Open the Eagle Dashboard



Login with Default User Roles

Settings Guide

- B** Available in Breaker Mode Only
- R** Available in Recloser Mode Only
- S** Available in Sectionalizer Mode Only

Dashboard

- Single Line Diagram
- Open/Close Pushbuttons
- Primary Current Metering
- Reset Pushbutton
- Device Status
- Autoreclose On/Off Button **R**
- NR & HLT On/Off Button
- CLP On/Off Button **B R**

Configuration

- General
 - Active Functions
 - Measurements
 - Recloser ID
- System Time
- Language Select

Monitoring

- Self Supervision
- Events & Fault Records
- Live Data
- Disturbance Recorder
- Load Profile
- Security Log

Test

- 79-Reclose **R**
- Sectionalizer **S**
- Protection **B**

Settings

- Protection **B R**
 - Inrush
- CB Monitoring
- Recloser **R**
- Sectionalizer **S**
- Cold Load Pickup **B R**
- Hot Line Tag
- Disturbance Recorder
- Import Export

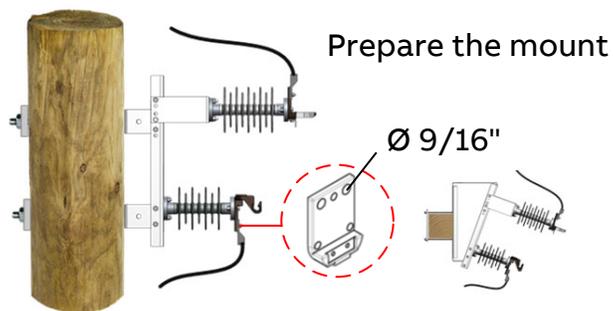
Firmware

- Version Information
- Primary/Backup Firmware Information
- Firmware Update
- Backup Firmware Restore

Users & Access

- Wi-Fi Parameters
- Change Password

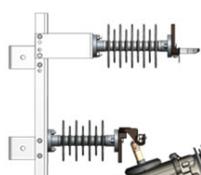
Installing the Eagle



Prepare the mount

Ø 9/16"

1

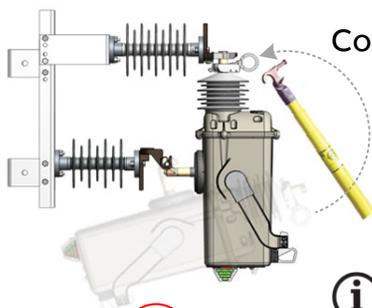


Hang the Eagle

i Handle the Eagle carefully with hands while hanging it. Use appropriate PPE

2

! Verify that the indicator cup is in open position before placing Eagle in the mount

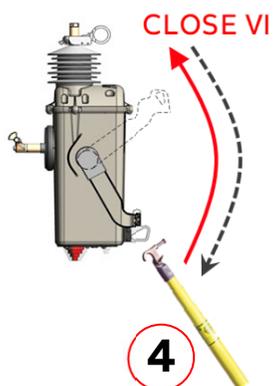


Connect the Eagle

Swing the recloser from H1 connection ring using a hotstick to secure the Eagle in its mount

3

i Ensure that the H1 terminal is securely latched to the mount



CLOSE VI

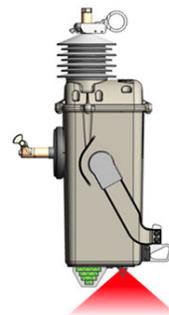
Manually Close the Eagle

Operate the main handle using a hotstick. The handle will naturally come back down after closing the VI

Verify close operation with the indicator cup

4

Restoration after a Lockout

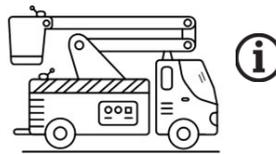


Fix the Fault

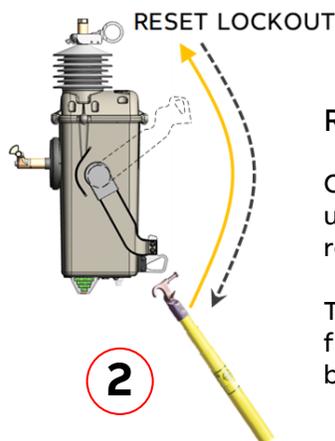
Identify the locked out recloser with the lockout LED (flashes once every 4s)

Fix the downstream fault

The Lockout LED may not blink if the recloser has lost the stored charge. The indicator cup can be used to identify the locked out recloser



1



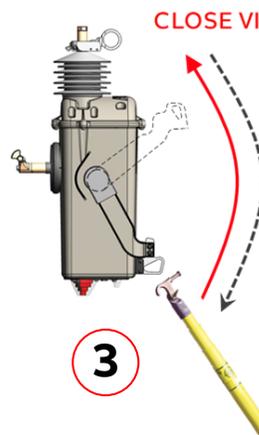
RESET LOCKOUT

2

Reset the Recloser

Operate the main handle using a hotstick to reset the recloser.

The Lockout LED will stop flashing if it was active before resetting



CLOSE VI

Manually Close the Eagle

Operate the main handle using a hotstick. The handle will naturally come back down after closing the VI

Verify close operation with the indicator cup

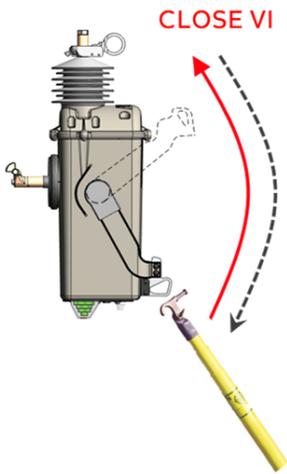
3

i ANSI: Red=Closed, Green=Open
IEC: Red=Open, Green=Closed

Eagle Quick Start Guide



Manual Opening and Closing

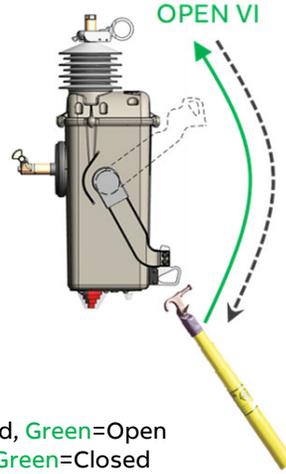


Manually Close the Eagle

Verify that the indicator cup shows **OPEN** state

Operate the main handle using a hotstick. The handle will naturally come back down after closing the VI

Verify that the indicator cup shows **CLOSE** state



Manually Open the Eagle

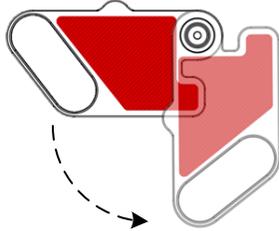
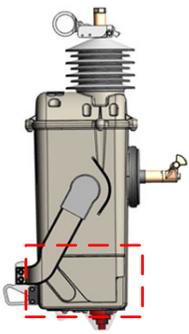
Verify that the indicator cup shows **CLOSE** state

Operate the main handle using a hotstick. The handle will naturally come back down after opening the VI

Verify that the indicator cup shows **OPEN** state

i ANSI: Red=Closed, Green=Open
IEC: Red=Open, Green=Closed

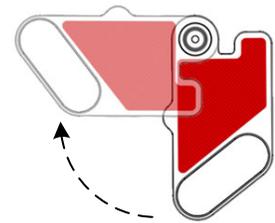
Wi-Fi Activation using Non-Reclose Handle



Engage Lever



Wait 3s



Disengage Lever

i If the Eagle has sufficient charge, the Lockout LED may flash once to indicate activation of Wi-Fi.

Wi-Fi Activation using Light Sensor



Shine Flashlight for 2s



Turn off Flashlight for 5s



Shine Flashlight for 2s

i If the Eagle has sufficient charge, the Lockout LED may flash once to indicate activation of Wi-Fi.