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  Navigate to Eagle Web-HMI

Open the Eagle Dashboard  Login with Default User Roles

WIFI_RER605  Secured
Network_1  Secured
Network_2  Secured
Network_3  Secured
Network & Internet Settings

Enter the network security key qwerty123
Next  Cancel

http://rer605.abb.com

Operational access
Account
time latch

Logon
Logon
Logon

http://rer605.abb.com

OPERATOR
0002

ENGINEER
0003

ADMIN
0004
Eagle Quick Start Guide

Settings Guide

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

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
- Sectionalizer
- Protection

Settings
- Protection
- Inrush
- CB Monitoring
- Recloser
- Sectionalizer
- Cold Load Pickup
- 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

1. Prepare the mount

2. Hang the Eagle
   - Handle the Eagle carefully with hands while hanging it. Use appropriate PPE
   - Verify that the indicator cup is in open position before placing Eagle in the mount

3. Connect the Eagle
   - Swing the recloser from H1 connection ring using a hotstick to secure the Eagle in its mount
   - Ensure that the H1 terminal is securely latched to the mount

4. 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

Restoration after a Lockout

1. Fix the Fault
   - Identify the locked out recloser with the lockout LED (flashes once every 4s)

2. 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

3. 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

4. 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

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

Wi-Fi Activation using Non-Reclose Handle

Engage Lever
Wait 3s
Disengage Lever

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

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