

This guide applies to all configurations of ALVIN Reclose and covers the manual operation only.

Please make sure at all times you adhere to your Distribution Safety Rules. WHERE A POINT OF ISOLATION IS REQUIRED THE ALVIN RECLOSE UNIT SHALL BE REMOVED COMPLETELY.

This is an electronic auto recloser, therefore care must be taken as the operator may not be aware of any preprogrammed operating protocols.

1



- Secure neutral "G" Clamp to the neutral busbar and connect the neutral reference cable to the "G" Clamp.
- Remove the In-Line fuse from the ALVIN Reclose, confirm rating and continuity.
- Check there is no continuity between top and bottom unit clamps on the rear of the ALVIN Reclose (if any continuity is present the unit **SHALL** be withdrawn from service).

2



- Record the ALVIN Reclose serial number and revision from the name plate before installation.
- Remove the LV fuse from the LV Board and install the ALVIN Reclose unit in its place.
- Secure in place by tightening the clamps.
- Connect the neutral cable to the neutral socket (2).
- ALVIN Reclose status LED's should now illuminate.

3



- Within 30 seconds of power up set the address of the unit by repeatedly pressing to the 'A' button .
- Set Fuse Characteristic to 315A or 400A by pressing the "Fuse Rating Selector Button" 'F'.
- Check unit is in the Open Position and "Open Position LED" is illuminated as shown in stage 4.

4



- If not, Press and hold the "Open Button" for 5 seconds until the flashing frequency of the "Open Position LED" increases, the "Open Button" can then be released.
- Note: There is a pre-set time delay to opening to allow time to move away from the ALVIN Reclose (10secs).
- Insert the In-Line Fuse onto recloser fuse way stalks and tighten clamps as per 5.

5



- Fully tighten (clockwise direction) right hand black locking bar and pull to confirm it is secure.
- Fully tighten (clockwise direction) left hand black locking bar and pull to confirm it is secure.
- Loosen right hand black locking bar (anti-clockwise direction) and again confirm left hand black locking bar is fully secured.
- Fully tighten (clockwise direction) right hand black locking bar and pull to confirm both left and right hand black locking bolts are fully secured.

6



- To Close the unit, press and hold the "Close Button" for 5 Seconds until the flashing Frequency of the "Close Position LED" increases, the "Close Button" can then be released.
- Note: There is a pre-set time delay to closing to allow time to move away from the ALVIN Reclose (10secs).

7



- Check "Close Position LED" is illuminated.
- Confirm that supplies are restored.
- If successful, then the ALVIN Reclose can be left to undertake its duty.
- Install additional units using the daisy chain cable from the previously installed unit to the new unit as the neutral reference.
- Fit the WIFI dongle into socket (14) on the last unit.



Quick Removal Guide

Version 0.2



1

- To Open the unit, press and hold "Open Button" for 5 Seconds until the flashing frequency of the "Open Position LED" increases, the "Open Button" can then be released.
- Note: pre-set time delay to opening to allow time to move away from the recloser (10secs).



2

- Check recloser is Open and "Open Position LED" is illuminated.



3

- Unplug neutral lead or daisy chained cable from recloser being removed.
- Once all units have been removed remove neutral lead and clamp from neutral busbar.

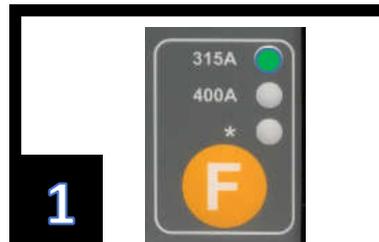


4

- Loosen the ALVIN Reclose clamps and remove the unit from the fuse way.

Quick Single Trip (Non-Auto)

Version 0.2



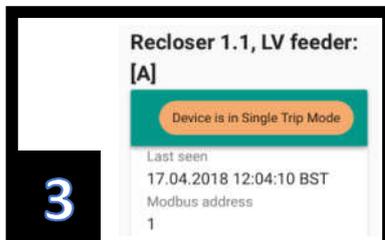
1

- Note existing fuse setting.
- This is the setting to which the unit will be returned when deselecting Quick Single Trip mode



2

- Press the F button until the LED alongside the * setting starts flashing.
- The ALVIN Reclose is now in Quick Single Trip (non-Auto) mode.
- Repeat for all devices on the circuit



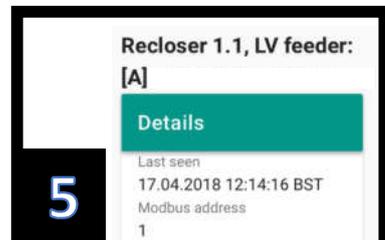
3

- Check the database to ensure that the devices are flagged as Single Trip.
- The status on the database is updated periodically. It may take up to 3 minutes before the status changes



4

- To deselect Quick Single Trip mode
- Press the F button until the original fuse setting is selected
- The Flashing LED against the * setting extinguishes
- The ALVIN Reclose is now back in normal reclose mode



5

- Check the database to ensure that the devices Single Trip Flags have been reset.
- The status on the database is updated periodically. It may take up to 3 minutes before the status changes