

## Disturbance Short Report

### Disturbance Recordings Information

#### Device Information

Recorder ID	1
IED type	REF630
IED version	1.3.0.A8
Station name	Station name
Object name	REF630 1.3.0
IED name	Unit name

#### Fault Information

Trig date and time	2/20/2025 10:12:38.500 AM
Trigger signal name	UV/OV START
Recording number	854
Total recording time	2210 ms
Pre-trig recording time	500 ms
Post trig recording time	500 ms
Max. recording time	2000 ms

#### General Recordings Information

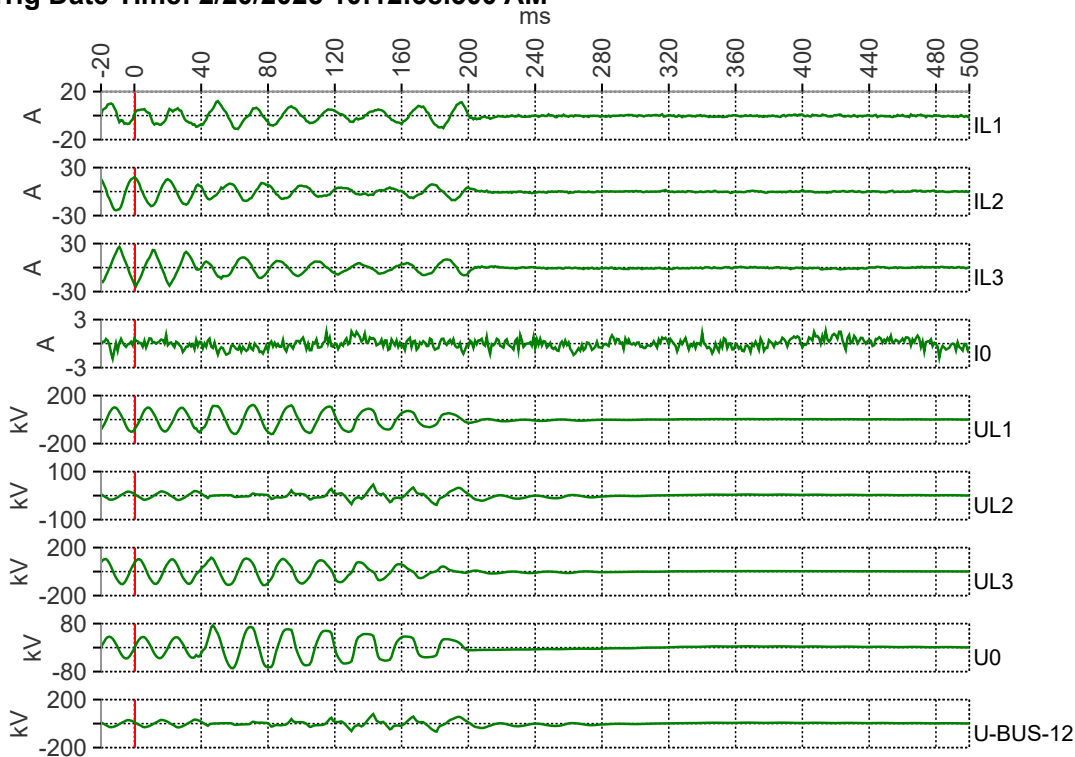
Disturbance recorder	Installed
Event recorder	Installed
System frequency	50 Hz
Sampling frequency	1 kHz
Active setting group during recording	1

#### Fault Location Information

Fault loop type	Not applicable
Fault location	Not applicable
Status of fault calculation	Not applicable
Fault direction	Not applicable

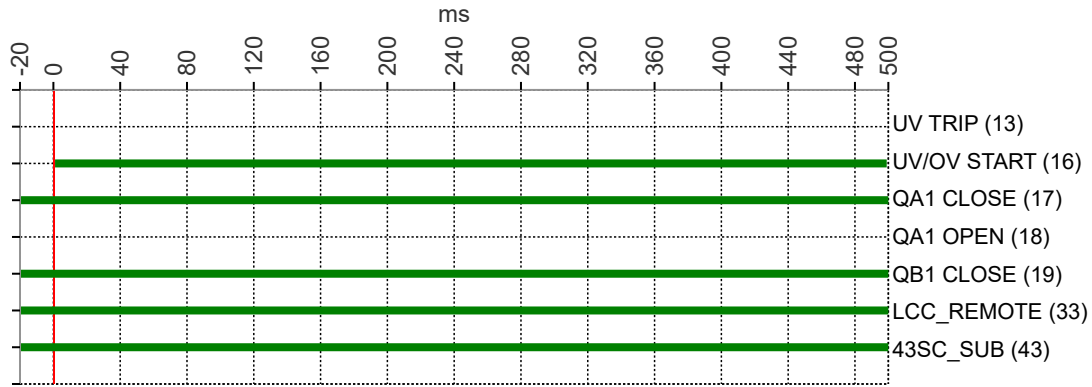
### Analog Time Diagram

Trig Date Time: 2/20/2025 10:12:38.500 AM



## Binary Time Diagram

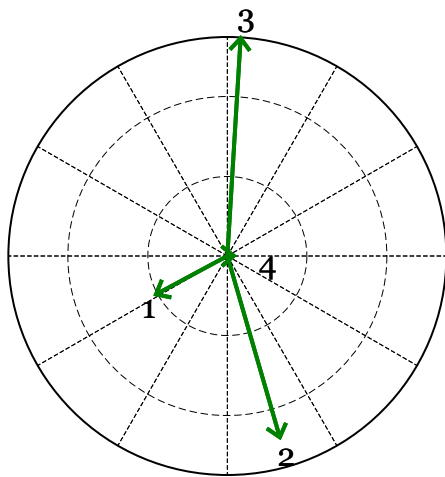
Trig Date Time: 2/20/2025 10:12:38.500 AM



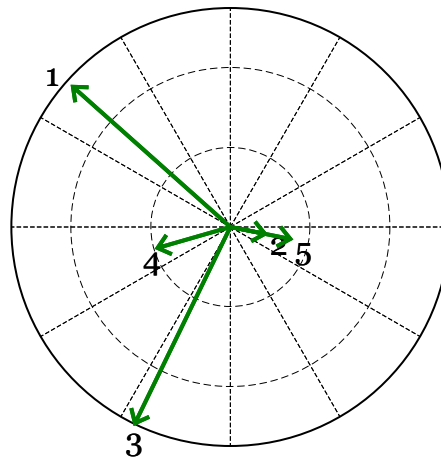
## Vector Diagrams

Calculation Time Period : 1 ms to 20 ms

### Currents



### Voltages



No.	Name	RMS	Angle	No.	Name	RMS	Angle
1	IL1	5.161(A)	208.3°	1	UL1	70130.586(V)	138.3°
2	IL2	12.023(A)	286.1°	2	UL2	11721.449(V)	348.8°
3	IL3	13.906(A)	86.5°	3	UL3	72590.234(V)	244.1°
4	I0	0.41(A)	1.6°	4	U0	25181.09(V)	196.1°
				5	U-BUS-12	20349.15(V)	348.7°

## Events List

Channel Number	Name	Status	Time
16	UV/OV START	On	2/20/2025 10:12:38.500 AM
13	UV TRIP	On	2/20/2025 10:12:39.460 AM
17	QA1 CLOSE	Off	2/20/2025 10:12:39.486 AM
18	QA1 OPEN	On	2/20/2025 10:12:39.500 AM
13	UV TRIP	Off	2/20/2025 10:12:39.660 AM
16	UV/OV START	Off	2/20/2025 10:12:39.710 AM