

Disturbance Short Report

Disturbance Recordings Information

Device Information

Recorder ID	1
IED type	REF630
IED version	1.3.0.B0
Station name	Station name
Object name	F1.1 - INCOMER
IED name	Unit name

Fault Information

Trig date and time	8/1/2024 3:17:24.589 PM
Trigger signal name	ST_51N
Recording number	111
Total recording time	1260 ms
Pre-trig recording time	1000 ms
Post trig recording time	100 ms
Max. recording time	2000 ms

General Recordings Information

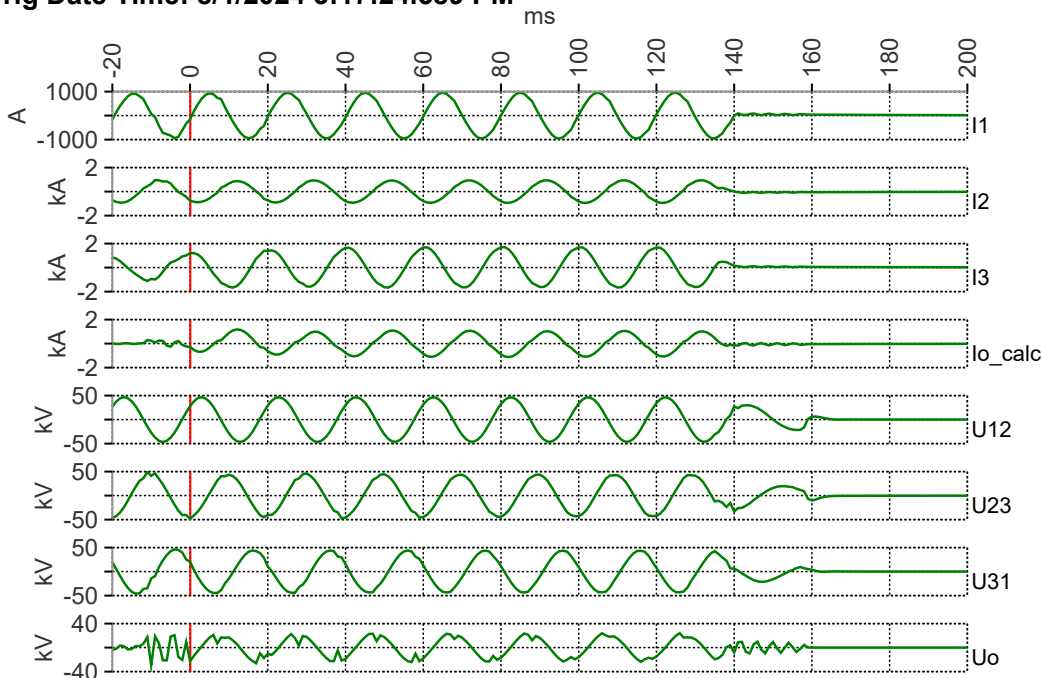
Disturbance recorder	Installed
Event recorder	Installed
System frequency	50 Hz
Sampling frequency	1 kHz
Active setting group during recording	1

Fault Location Information

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

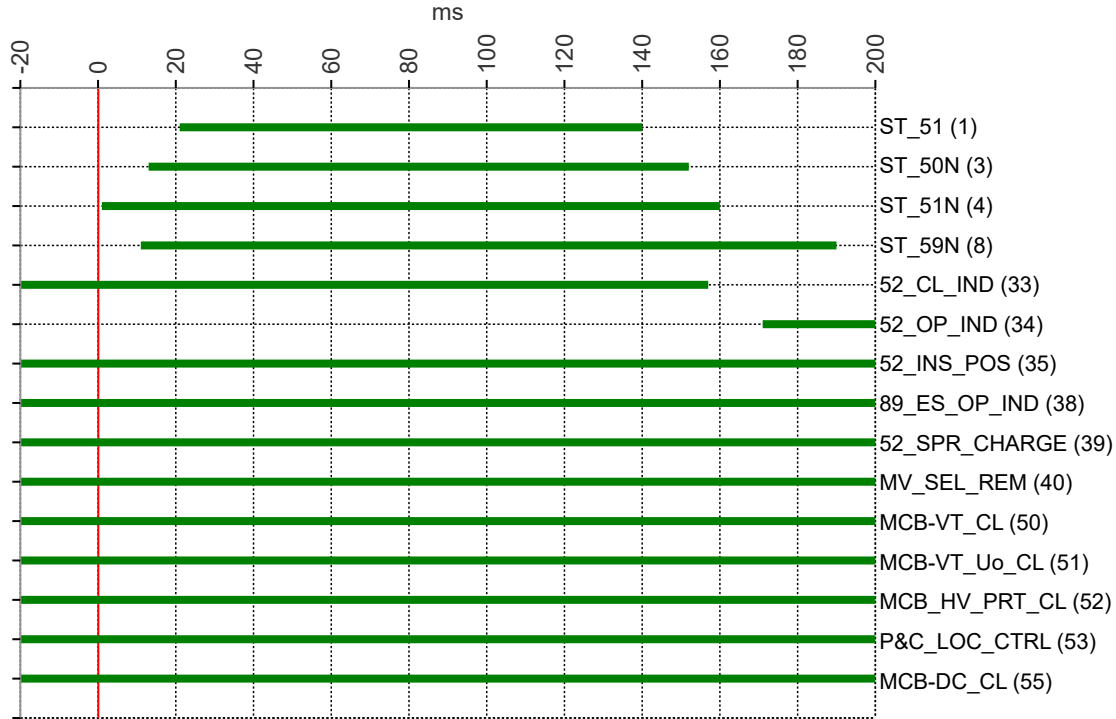
Analog Time Diagram

Trig Date Time: 8/1/2024 3:17:24.589 PM



Binary Time Diagram

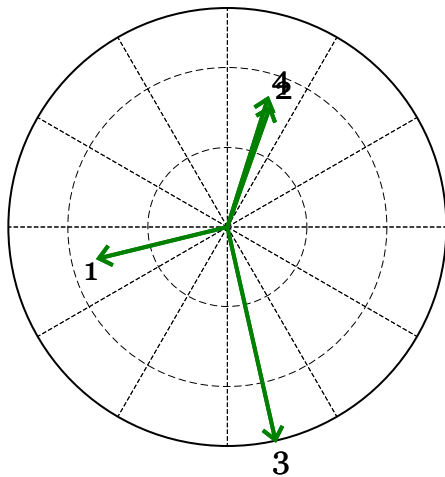
Trig Date Time: 8/1/2024 3:17:24.589 PM



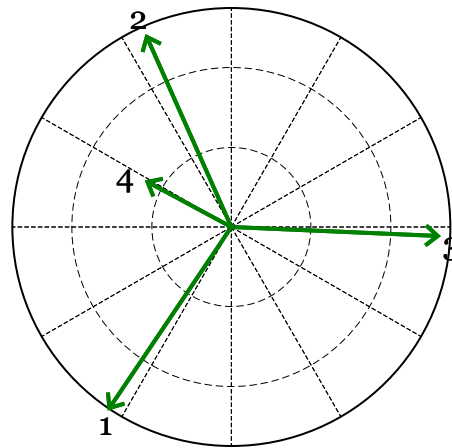
Vector Diagrams

Calculation Time Period : 1 ms to 20 ms

Currents



Voltages



No.	Name	RMS	Angle	No.	Name	RMS	Angle
1	I1	662.171(A)	193.7°	1	U12	33034.375(V)	236.0°
2	I2	633.145(A)	70.4°	2	U23	31497.828(V)	114.0°
3	I3	1092.745(A)	282.7°	3	U31	31279.715(V)	357.5°
4	Io_calc	672.895(A)	72.5°	4	Uo	14407.808(V)	151.7°

Events List

Channel Number	Name	Status	Time
4	ST_51N	On	8/1/2024 3:17:24.589 PM
8	ST_59N	On	8/1/2024 3:17:24.600 PM
3	ST_50N	On	8/1/2024 3:17:24.602 PM
1	ST_51	On	8/1/2024 3:17:24.609 PM
1	ST_51	Off	8/1/2024 3:17:24.730 PM
3	ST_50N	Off	8/1/2024 3:17:24.742 PM



33	52_CL_IND	Off	8/1/2024 3:17:24.747 PM
4	ST_51N	Off	8/1/2024 3:17:24.750 PM
34	52_OP_IND	On	8/1/2024 3:17:24.760 PM
8	ST_59N	Off	8/1/2024 3:17:24.780 PM