

Disturbance Short Report

Disturbance Recordings Information

Device Information

Recorder ID	1
IED type	REF630
IED version	1.3.0.B0
Station name	
Object name	F1.3 - FEEDER 2
IED name	Unit name

Fault Information

Trig date and time	8/1/2024 2:16:54.320 PM
Trigger signal name	ST_51N
Recording number	114
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

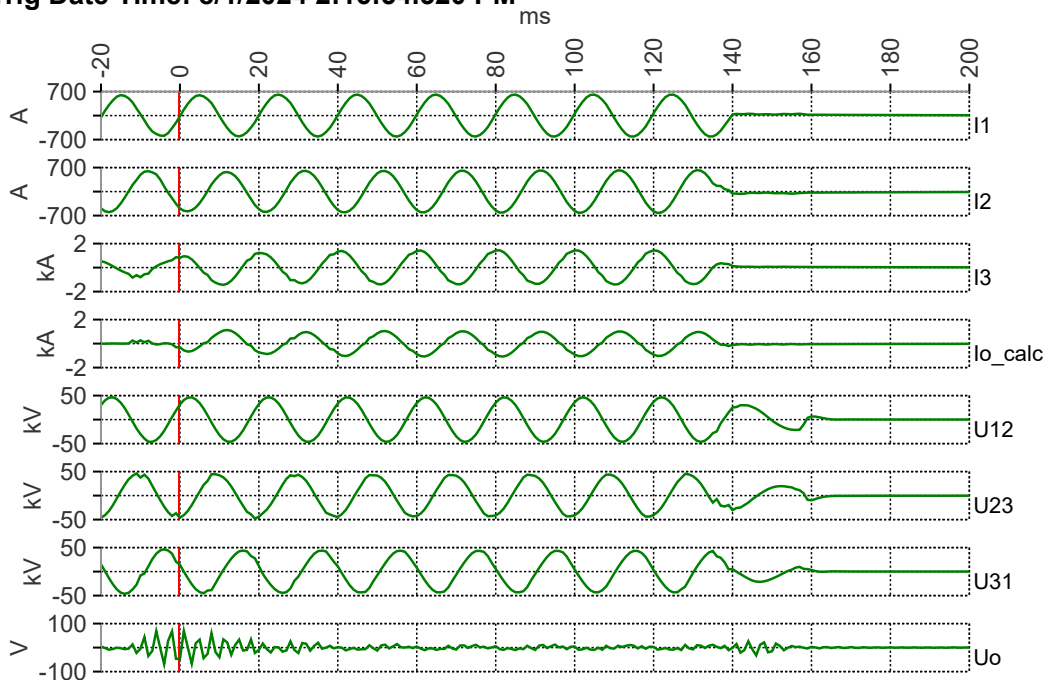
Disturbance recorder	Installed
Event recorder	Installed
System frequency	50 Hz
Sampling frequency	1 kHz
Active setting group during recording	1

Fault Location Information

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

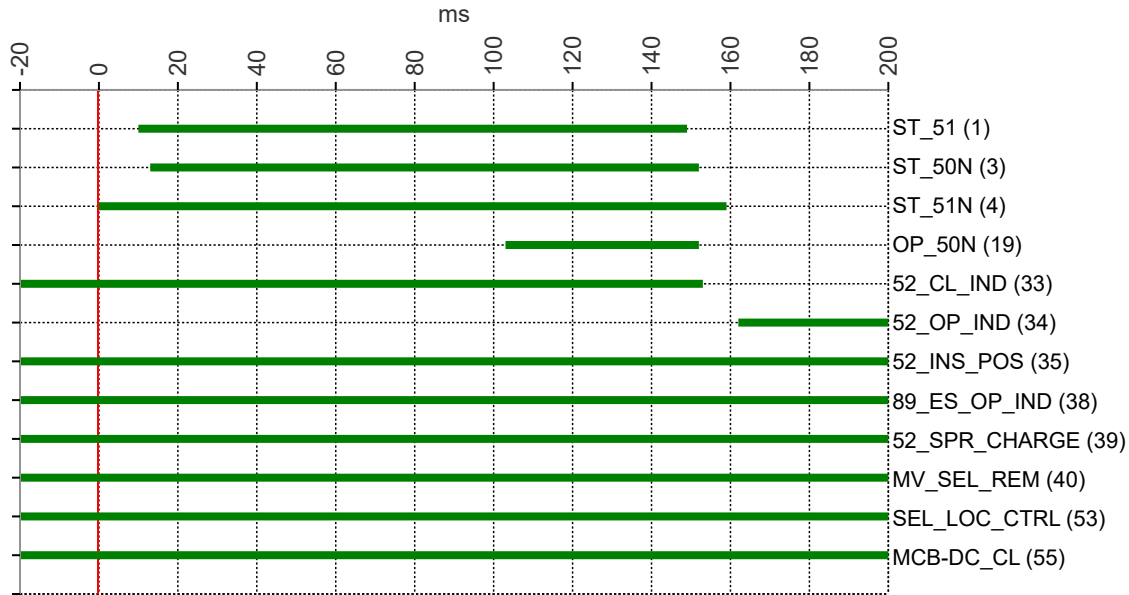
Analog Time Diagram

Trig Date Time: 8/1/2024 2:16:54.320 PM



Binary Time Diagram

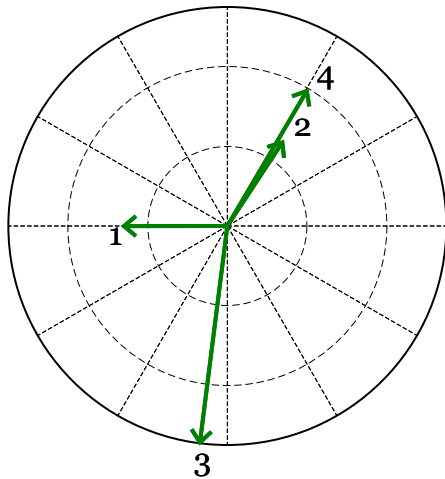
Trig Date Time: 8/1/2024 2:16:54.320 PM



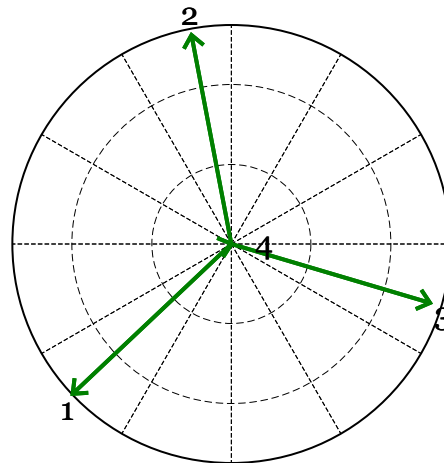
Vector Diagrams

Calculation Time Period : 0 ms to 19 ms

Currents



Voltages



No.	Name	RMS	Angle	No.	Name	RMS	Angle
1	I1	424.86(A)	180.1°	1	U12	32990.789(V)	223.3°
2	I2	411.029(A)	56.7°	2	U23	32162.111(V)	100.8°
3	I3	896.463(A)	262.8°	3	U31	31334.145(V)	343.5°
4	Io_calc	643.458(A)	59.5°	4	Uo	36.543(V)	17.4°

Events List

Channel Number	Name	Status	Time
4	ST_51N	On	8/1/2024 2:16:54.320 PM
1	ST_51	On	8/1/2024 2:16:54.330 PM
3	ST_50N	On	8/1/2024 2:16:54.333 PM
19	OP_50N	On	8/1/2024 2:16:54.423 PM
1	ST_51	Off	8/1/2024 2:16:54.470 PM
3	ST_50N	Off	8/1/2024 2:16:54.473 PM
19	OP_50N	Off	8/1/2024 2:16:54.473 PM
33	52_CL_IND	Off	8/1/2024 2:16:54.474 PM
4	ST_51N	Off	8/1/2024 2:16:54.480 PM
34	52_OP_IND	On	8/1/2024 2:16:54.482 PM