

Oscillogram No.: **HPL3-77402** OCV = **240 V**  
Date of Test: 10/4/2023 Time of Test: 9:21:41 AM

AVAILABLE CIRCUIT CHARACTERISTICS:  
Osc. No: 59187 Calibration Date: 1/11/2023  
OCV = 240 V Rms Sym Current = 10.12 kA  
Power Factor = 49%



High Power Laboratory, HPL3 Facility  
Cedar Rapids, Iowa, USA

Project No.: 6000001332 TestFlow No.: TESLA  
Test Device: Eaton 10kA MAIN w/ Square D 125 Branch  
Sample No.: Test 6

#### ANALYSIS RESULTS TABLE

Closing Angle	5 Deg.
Closing time (V0)+	231.5 $\mu$ Sec
Peak Current (Ip)	9.015 k Amps
Time to Ip	4.375 m Sec
I <sup>2</sup> T	263.9 k Amp <sup>2</sup> sec
I Duration	8.042 m Sec

#### Performance Observations

Was the Breaker Tripped after the test?	Yes
Could the Breaker be Reset?	Yes
Did it have continuity in all poles?	Yes
Was the Enclosure Fuse Opened?	No

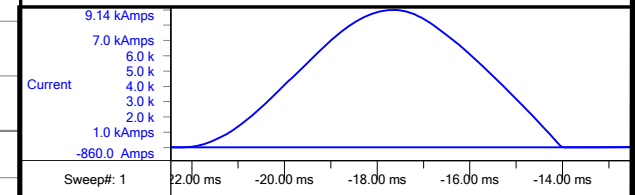
#### Comment Section

MAIN & Branch Tripped

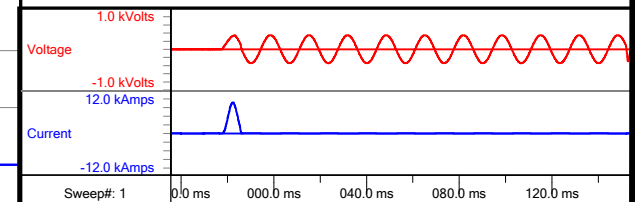
GRID ON

Intertek Witness: Dipesh Patel

#### Analysis results are based on this data



#### TOTAL VIEW



#### INSTRUMENTATION DATA

Data Recording System: HBM GENST C/N 063-163

Voltage "A": 100X Scope Probe, C/N 131-554, 1%

PLOT FILE HPL3\_CR\_1\_M

Current "A": Rogowski CT Coil, C/N 045-444

NOTE: Channel offset removed for analysis,  
but not for display.

**OSC. NO.: HPL3-77402**