

Oscillogram No.: HPL3-34410 OCV = 434 V  
Date of Test: 9/30/2020 Time of Test: 8:25:11 AM

AVAILABLE CIRCUIT CHARACTERISTICS:  
Osc. No: 28470 Calibration Date: 05/12/20  
OCV = 487 V Rms Sym Current = 14.22 kA  
Power Factor = 25%



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

Project No.: 6000001332 TestFlow No.: UTK  
Test Device: ARC FLASH  
Sample No.: 72

### ANALYSIS RESULTS TABLE

|                    |                  |
|--------------------|------------------|
| Closing Angle      | 27 Deg           |
| Closing time (V0)+ | 1.243 m Sec      |
| Peak Current (Ip)  | 26.28 k Amperes  |
| Time to Ip         | 6.146 m Sec.     |
| I <sup>2</sup> t   | 3.055 M Amp^2sec |
| I Duration         | 9.891 m Sec.     |

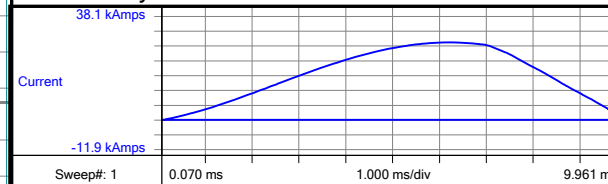
### Performance Observations

|                                         |    |
|-----------------------------------------|----|
| Was the Breaker Tripped after the test? | NA |
| Could the Breaker be Reset?             | NA |
| Did it have continuity in all poles?    | NA |
| Was the Enclosure Fuse Opened?          | NA |

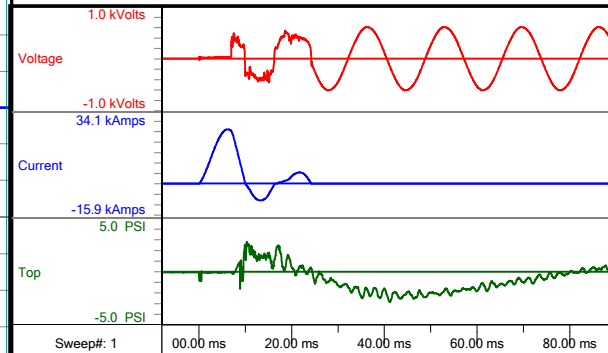
### Comment Section

|          |
|----------|
| 18 in.   |
| 10.89 kA |
| -        |

### Analysis results are based on this data



### TOTAL VIEW



### INSTRUMENTATION DATA

Data Recording System: HBM GENST C/N 063-173  
VOLTAGE: 100X Scope Probe, C/N 131-555, 1%  
VOLTAGE: 100X Scope Probe, C/N 131-604, 1%  
CURRENT: ROGOWSKI COIL, C/N 045-445

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

OSC. NO.: HPL3-34410

