



**AMPRO ELECTRIC LTD.**  
ECRA / ESA 700918

Ampro Electric

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## Testing Log

### IN SHOP\SR3226

Date-Time	R	LC	IR	DA/PI	DC Tests	Surge	Notes
<a href="#">2020-11-16 07:45:49 AM</a>	✓	✓					
<a href="#">2020-11-16 08:13:44 AM</a>			✓	✓	✓		
<a href="#">2020-11-16 08:18:03 AM</a>						✓	



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## Resistance / Inductance / Capacitance Results

IN SHOP\SR3226\2020-11-16 07:45:49 AM

Temperature 25.00 [°C]

### Resistance

	Lead 1-2	Lead 2-3	Lead 3-1	Unbalance [%]	Average
DC Resistance [mΩ]	322.1456	322.1560	322.4541	0.1	322.2519
Temp Corrected R [mΩ]	322.1000	322.2000	322.5000		322.2667

### Inductance

Frequency [Hz]	60.0	60.0	60.0		
Impedance [mΩ]	10.083	10.095	10.090	0.1	10.089
Impedance Ang [°]	80.7	80.7	80.7	0.0	80.7
Inductance [mH]	26.395	26.425	26.414	0.1	26.411
Dissipation Factor	0.164	0.164	0.164		
Quality Factor	6.110	6.106	6.114		



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## DC Test Results

IN SHOP\SR3226\2020-11-16 08:13:44 AM

Temperature [°C] --- Relative Humidity [%] 0.0

### IR Results

Voltage [V]	I [μA]	IR [MΩ]
1080	0.040	27000

### DA/PI Results

Voltage [V]	DA Ratio	PI Ratio
1080	3.4	4

### HiPot Result

Voltage [V]	I [μA]	IR [MΩ]
9080	0.159	57107

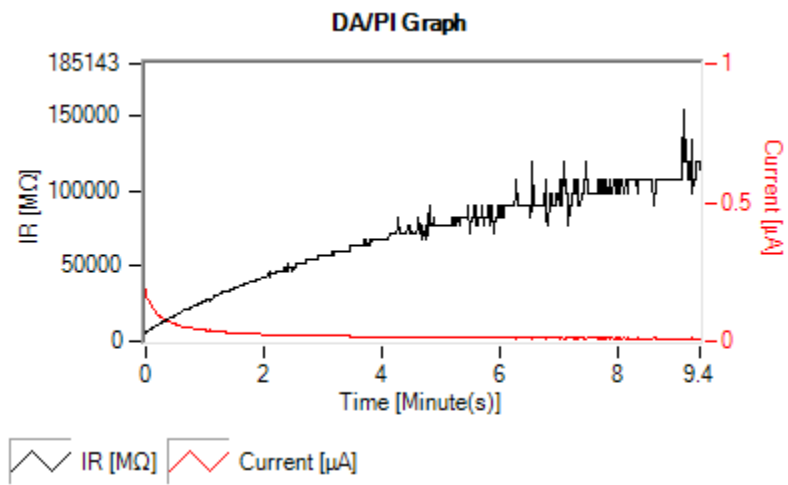
### DA/PI Results

Time [Minute(s)]	Voltage [V]	I [μA]	IR [MΩ]
00:15	1080	0.092	11739.13
00:30	1080	0.064	16875.00
00:45	1080	0.050	21600.00
01:00	1080	0.040	27000.00
01:30	1080	0.031	34838.71
02:00	1080	0.025	43200.00
02:30	1080	0.023	46956.52
03:00	1080	0.019	56842.11
04:00	1080	0.016	67500.00
05:00	1080	0.014	77142.85
06:00	1080	0.012	90000.00
07:00	1080	0.011	98181.82
08:00	1080	0.011	98181.82
09:00	1080	0.010	108000.00
10:00	2050	0.141	14539.01



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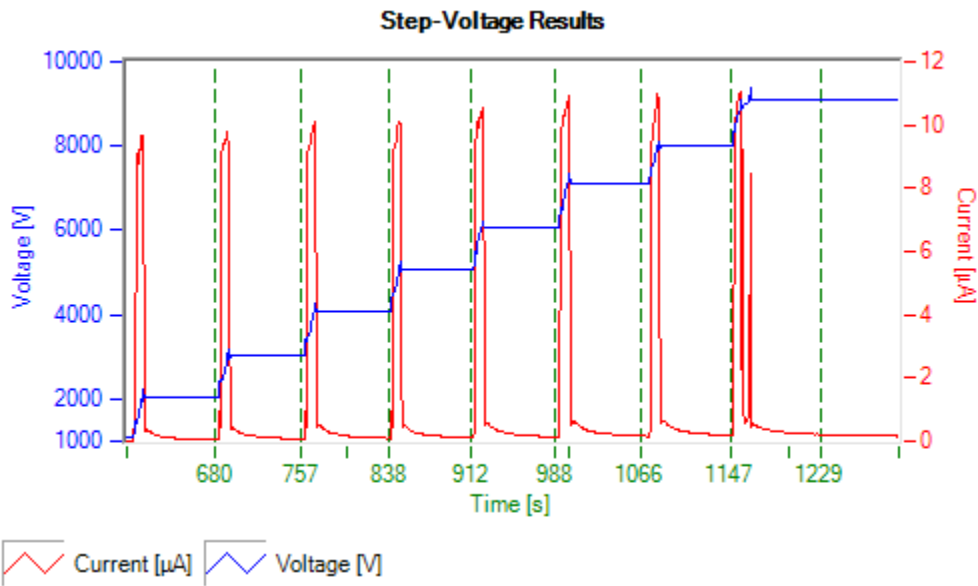
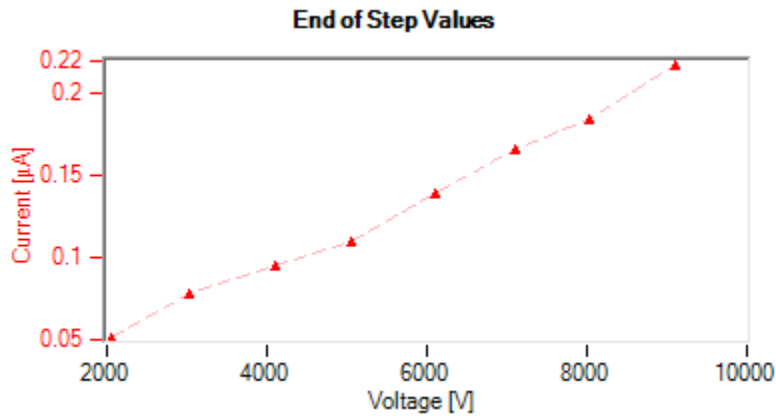
## Step-Voltage Report

IN SHOP\SR3226\2020-11-16 08:13:44 AM

Temperature [°C] --- Relative Humidity [%] 0.0

### End of Step Values

Step	Voltage [V]	I [μA]	IR [MΩ]
1	2050	0.051	40196
2	3020	0.078	38718
3	4090	0.095	43053
4	5060	0.110	46000
5	6090	0.139	43813
6	7100	0.166	42771
7	8020	0.185	43351
8	9090	0.217	41889





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## DC Test Results

IN SHOP\SR3226\2020-11-16 08:13:44 AM

Temperature [°C] --- Relative Humidity [%] 0.0

### IR Results

Voltage [V]	I [μA]	IR [MΩ]
1080	0.040	27000

### DA/PI Results

Voltage [V]	DA Ratio	PI Ratio
1080	3.4	4

### HiPot Result

Voltage [V]	I [μA]	IR [MΩ]
9080	0.159	57107

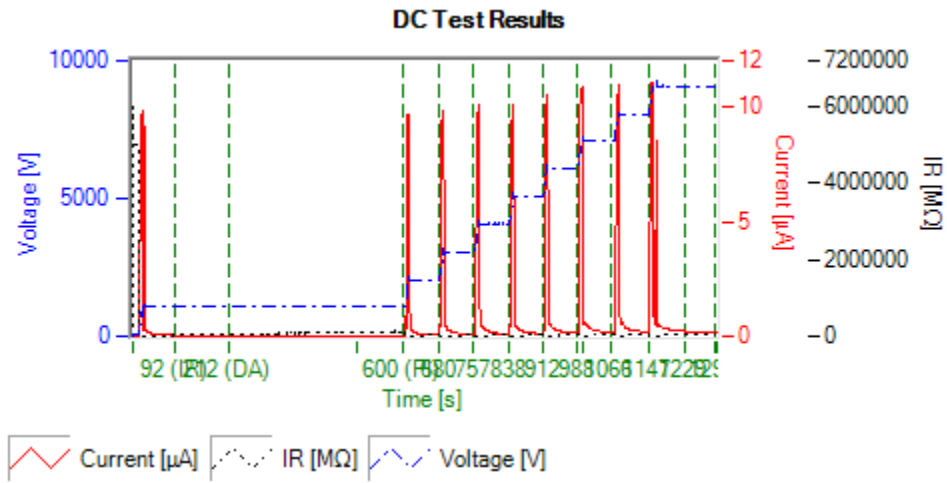
### DA/PI Results

Time [Minute(s)]	Voltage [V]	I [μA]	IR [MΩ]
00:15	1080	0.092	11739.13
00:30	1080	0.064	16875.00
00:45	1080	0.050	21600.00
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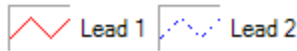
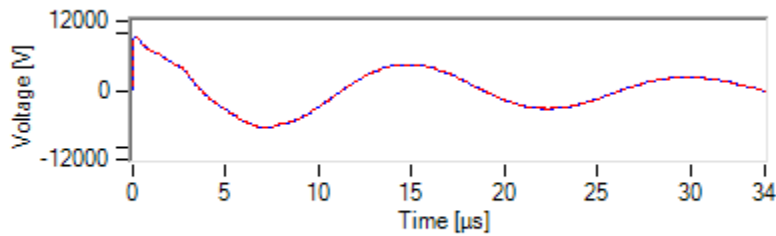
## Surge Lead-to-Lead Comparison

IN SHOP\SR3226\2020-11-16 08:18:03 AM

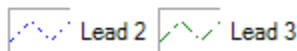
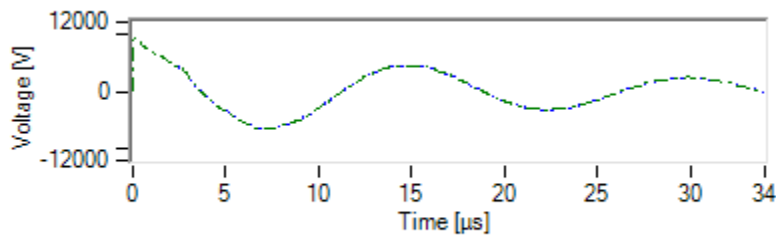
L-L  
Limit 50

Compare	Peak Voltage [V]	Number of Pulses	LL EAR Status	L-L EAR [%]
1-2	9260	27	PASS	1
2-3	9260	28	PASS	1
3-1	9260	35	PASS	1

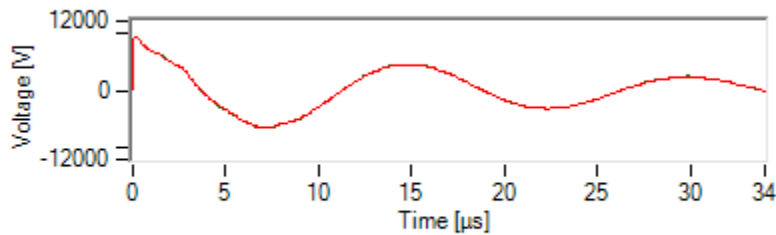
Lead 1 - 2 EAR: 1%



Lead 2 - 3 EAR: 1%



Lead 3 - 1 EAR: 1%





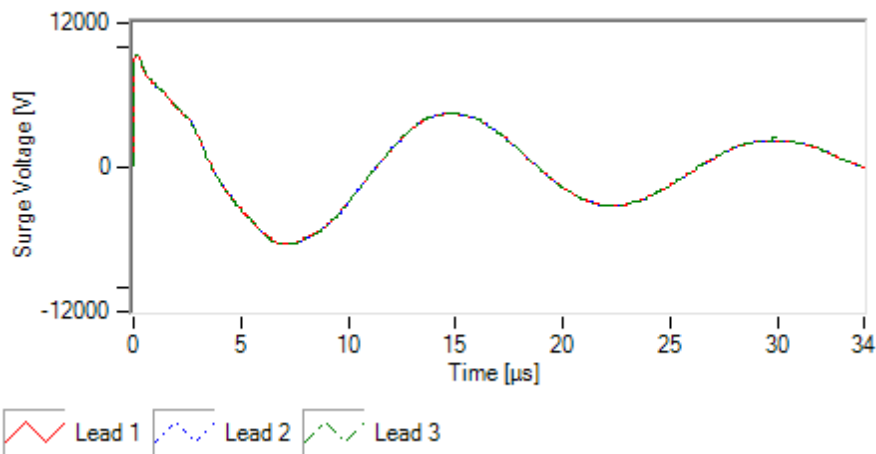
### Surge 3-Phase Summary

IN SHOP\SR3226\2020-11-16 08:18:03 AM

Lead	Peak Voltage [V]	Number of Pulses	PP EAR Status	Max P-P EAR [%]
1	9260	27	PASS	3
2	9260	28	PASS	5
3	9260	35	PASS	4

**P-P Limit  
10**

Surge 3-Phase Summary



Pulse-to-Pulse EAR

