



480 VOLT TEST REPORT



CUSTOMER Saber Power JOB # 3 PAGE _____
 OWNER _____ DATE 9/19/2011 TEMPERATURE 72 °F HUMIDITY 46 %
 FACILITY Breaker Shop NOTES Tag#46
 SUB or AREA Breaker Shop ASSET/ID _____
 POSITION Breaker Shop DEVICE SP100 - 480 VOLT TEST REPORT (2)
 TESTED BY Luke Atchison TEST SETS USED 0125,0222,0223,0224

CIRCUIT BREAKER

MANUFACTURER General Electric CAT# WE1JBQNFDXBBXDX FRAME RATING 2000A
 C.T. RATING 2000A SERIAL NUMBER P140009466-05-02 INTERRUPTING RATING 635VAC @ 65KA

TRIP UNIT

MANUFACTURER General Electric CAT# K220LSIGM TYPE MICRO VERSA TRIP PM
 RATING PLUG CAT# TR20B2000 RATING PLUG RATING 2000

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1.0 LONG TIME DELAY 4 CURVE # GES-9889H
 SHORT TIME PICKUP 2 SHORT TIME DELAY 3OUT
 INSTANTANEOUS 2
 GROUND FAULT PICKUP .6 GROUND FAULT DELAY 3OUT

LONG TIME DELAY 6000 LONG TIME % 300
75 to 125 Sec LONG TIME PICKUP 2000

SHORT TIME DELAY 6000 SHORT TIME % 150
.35 to .48 Sec SHORT TIME PICKUP 4000

INSTANTANEOUS 4000

GROUND FAULT DELAY 1800 GROUND FAULT % 150
.35 to .48 Sec GROUND FAULT PICKUP 1200

PHASE	P1	P2	P3
LONG TIME PICKUP	1920 Amps	1862 Amps	1980 Amps
LONG TIME DELAY	99.16 Sec	96.51 Sec	100 Sec
SHORT TIME PICKUP	3970 Amps	3980 Amps	3981 Amps
SHORT TIME DELAY	.405 Sec	.413 Sec	.411 Sec
INSTANTANEOUS	4120 Amps	4044 Amps	4100 Amps
GROUND FAULT PICKUP	1225 Amps	1219 Amps	1209 Amps
GROUND FAULT DELAY	.419 Sec	.413 Sec	.408 Sec

NOTES

GROUND FAULT CURVE NUMBER GES-9890E

CONTACT RESISTANCE

MILLIVOLT DROF P1 132 P2 136 P3 163 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 19 P2 25 P3 38

INSULATION TEST - 1KVDC

PHASE TO GROUND OPEN			PHASE TO PHASE OPEN			CROSS OPEN POLES			PHASE-GRND CLOSED			PHASE-PHASE CLOSED			
	P1	P2	P3		P1->P2	P2->P3	P1->P3		P1	P2	P3		P1->P2	P2->P3	P1->P3
LINE	3T	3T	3T	LINE	3T	3T	3T	LINE	3T	3T	3T	LINE	3T	3T	3T
LOAD	3T	3T	3T	LOAD	3T	3T	3T	LOAD	3T	3T	3T	LOAD	3T	3T	3T

CONTROL WIRING 500VDC

OPEN _____ CLOSED _____ NOTES:

OPERATIONS

UNDER VOLTAGE RELEASE	SHUNT TRIP	AUXILIARY SWITCH	CLOSE COIL	ELECTRIC OPERATOR	BLOWN FUSE OPERATOR	BELL ALARM
VOLTAGE N/A	VOLTAGE 48VDC	STAGES 14A-14B	VOLTAGE 120VAC	VOLTAGE 125VDC	VOLTAGE -----	VOLTAGE N/A
CAT # -----	CAT # 139C4378G	CAT # 242B7016P22	CAT # CR9500	CAT # 0177C5050G004	CAT # -----	CAT # N/A
NEW -----	NEW New	NEW New	NEW New	NEW New	NEW -----	NEW New
15 MIN TEST -----	MICROSWT FUNCTIONAL Check	Ohms .1	MICROSWT FUNCTIONAL Check	MICROSWT FUNCTIONAL Check	MICROSWT -----	VOLT R-UP N/A
DROPOUT VOLTAGE -----	VOLTAGE RUN UP 16VDC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP 107VAC	Ohms 30.4	LOCK OUT -----	LOCK OUT Check
Ohms -----	Ohms 10.5	N/A	Ohms .99 k	RESET -----	RESET -----	RESET Check
				VOLT R-UP -----	VOLT R-UP -----	Ohms N/A
				Ohms -----		

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____