



480 VOLT TEST REPORT



CUSTOMER Saber Power JOB # 2 PAGE _____
 OWNER _____ DATE 9/19/2011 TEMPERATURE 72 °F HUMIDITY 48 %
 FACILITY Breaker Shop NOTES _____
 SUB or AREA Breaker Shop ASSET/ID _____
 POSITION Breaker Shop DEVICE SP100 - 480 VOLT TEST REPORT
 TESTED BY Luke Atchison TEST SETS USED 0125,0222,0223,0224

CIRCUIT BREAKER

MANUFACTURER General Electric CAT# WE3DBQDXDXBBXXX FRAME RATING 800
 C.T. RATING 800 SERIAL NUMBER P1400464-03-01 INTERRUPTING RATING 635VAC @ 65KA

TRIP UNIT

MANUFACTURER General Electric CAT# K808LSIGM TYPE MicroVersa Trip PM
 RATING PLUG CAT# TR8B600 RATING PLUG RATING 600

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1 LONG TIME DELAY 4 CURVE # GES-9889H
 SHORT TIME PICKUP 2 SHORT TIME DELAY 3 OUT
 INSTANTANEOUS 2
 GROUND FAULT PICKUP .6 GROUND FAULT DELAY 3 OUT

LONG TIME DELAY 1800 LONG TIME % 300
75 to 125 Sec LONG TIME PICKUP 600

SHORT TIME DELAY 1800 SHORT TIME % 150
.35 to .48 Sec SHORT TIME PICKUP 1200

INSTANTANEOUS 1200

GROUND FAULT DELAY 720 GROUND FAULT % 150
.35 to .48 Sec GROUND FAULT PICKUP 480

PHASE	P1	P2	P3
LONG TIME PICKUP	634 Amps	645 Amps	612 Amps
LONG TIME DELAY	99.15 Sec	98.39 Sec	98.60 Sec
SHORT TIME PICKUP	1209 Amps	1228 Amps	1265 Amps
SHORT TIME DELAY	.410 Sec	.414 Sec	.412 Sec
INSTANTANEOUS	1204 Amps	1170 Amps	1208 Amps
GROUND FAULT PICKUP	493 Amps	501 Amps	507 Amps
GROUND FAULT DELAY	.390 Sec	.379 Sec	.394 Sec

NOTES
 Ground Fault Curve # GES-9890E

CONTACT RESISTANCE

MILLIVOLT DROF P1 80 P2 68 P3 68 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 22 P2 23 P3 23

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	P3	P1->P2	P2->P3	P1->P3
LINE	3T	3T	3T	LINE	3T	3T	3T	3T	3T	3T	3T	3T	3T	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 N/A	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A
CAT # -----	CAT # 139C4378G	CAT # 242B7016P22	CAT # -----	CAT # -----	CAT # -----	CAT # N/A
NEW -----	NEW New	NEW New	NEW -----	NEW -----	NEW -----	NEW New
15 MIN TEST -----	MICROSWT FUNCTIONAL Check	Ohms .1	MICROSWT FUNCTIONAL -----	MICROSWT FUNCTIONAL -----	MICROSWT -----	VOLT R-UP N/A
DROPOUT VOLTAGE -----	VOLTAGE RUN UP 18VDC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP -----	Ohms -----	LOCK OUT -----	LOCK OUT Check
Ohms -----	Ohms 10.7	N/A	Ohms -----		RESET -----	RESET Check
					VOLT R-UP -----	Ohms N/A
					Ohms -----	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____