



480 VOLT TEST REPORT



CUSTOMER Saber Power JOB # 6 PAGE _____
 OWNER _____ DATE 9/29/2011 TEMPERATURE 72 °F HUMIDITY 46 %
 FACILITY BREAKER SHOP NOTES Tag#49
 SUB or AREA BREAKER SHOP ASSET/ID _____
 POSITION BREAKER SHOP DEVICE SP100 - 480 VOLT TEST REPORT (5)
 TESTED BY Luke Atchison TEST SETS USED 0125.0222,0223,0224

CIRCUIT BREAKER

MANUFACTURER General Electric CAT# WE3DBQAXDXBBXXX FRAME RATING 800
 C.T. RATING 800 SERIAL NUMBER P140009463-02-01 INTERRUPTING RATING 635 @ 50

TRIP UNIT

MANUFACTURER General Electric CAT# K808LSIGM TYPE MicroVersaTrip PM
 RATING PLUG CAT# TR8B400 RATING PLUG RATING 400

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1 LONG TIME DELAY 4 CURVE # GES-9910A
 SHORT TIME PICKUP 2 SHORT TIME DELAY 3 Out
 INSTANTANEOUS 2
 GROUND FAULT PICKUP .6 GROUND FAULT DELAY 3 Out

PHASE	P1	P2	P3
LONG TIME PICKUP	371 Amps	372 Amps	386 Amps
LONG TIME DELAY	95.25 Sec	96.67 Sec	96.85 Sec
SHORT TIME PICKUP	801 Amps	861 Amps	834 Amps
SHORT TIME DELAY	.448 Sec	.437 Sec	.423 Sec
INSTANTANEOUS	813 Amps	808 Amps	829 Amps
GROUND FAULT PICKUP	489 Amps	507 Amps	489 Amps
GROUND FAULT DELAY	.422 Sec	.437 Sec	.453 Sec

LONG TIME DELAY 1200 LONG TIME % 300
75 to 125 Sec LONG TIME PICKUP 400

SHORT TIME DELAY 1200 SHORT TIME % 150
.35 to .5 Sec SHORT TIME PICKUP 800

INSTANTANEOUS 800

GROUND FAULT DELAY 720 GROUND FAULT % 150
.35 to .5 Sec GROUND FAULT PICKUP 480

NOTES

Ground fault curve# GES-9912

CONTACT RESISTANCE

MILLIVOLT DROF P1 78 P2 74 P3 77 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 22 P2 23 P3 22

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 FUNCTIONAL -----	VOLT R-UP N/A
DROPOUT VOLTAGE -----	VOLTAGE RUN UP 17	25 OPERATIONS COMPLETED	VOLTAGE RUN UP -----	Ohms -----	LOCK OUT -----	LOCK OUT Check
Ohms -----	Ohms 10.7	N/A	Ohms -----	RESET -----	RESET -----	RESET Check
				VOLT R-UP -----	VOLT R-UP -----	Ohms N/A
				Ohms -----		

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____