



480 VOLT TEST REPORT



CUSTOMER Saber Power JOB # 10 PAGE _____
 OWNER _____ DATE 7/11/2012 TEMPERATURE 72 °F HUMIDITY 45 %
 FACILITY BREAKER SHOP NOTES _____
 SUB or AREA BREAKER SHOP ASSET/ID _____
 POSITION BREAKER SHOP DEVICE SP100 - 480 VOLT TEST REPORT (11)
 TESTED BY Luke Atchison TEST SETS USED 0222,0223,0125,0224

CIRCUIT BREAKER

MANUFACTURER Westinghouse CAT# HLC3300F FRAME RATING 300
 C.T. RATING 300 SERIAL NUMBER N/A INTERRUPTING RATING 25kA @ 600VAC

TRIP UNIT

MANUFACTURER Westinghouse CAT# N/A TYPE Seltronic
 RATING PLUG CAT# 3LC250 RATING PLUG RATING 250

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 250 LONG TIME DELAY ----- CURVE # SC 3611-81

SHORT TIME PICKUP N/A SHORT TIME DELAY -----

INSTANTANEOUS 5

GROUND FAULT PICKUP N/A GROUND FAULT DELAY -----

LONG TIME DELAY 750 LONG TIME % 300
30 to 68 Sec LONG TIME PICKUP 250

SHORT TIME DELAY N/A SHORT TIME % -----
----- to ----- Sec SHORT TIME PICKUP -----

INSTANTANEOUS 1250

GROUND FAULT DELAY N/A GROUND FAULT % -----
----- to ----- Sec GROUND FAULT PICKUP -----

PHASE	P1	P2	P3
LONG TIME PICKUP	----- Amps	----- Amps	----- Amps
LONG TIME DELAY	37.99 Sec	37.88 Sec	38.82 Sec
SHORT TIME PICKUP	----- Amps	----- Amps	----- Amps
SHORT TIME DELAY	----- Sec	----- Sec	----- Sec
INSTANTANEOUS	1127 Amps	1115 Amps	1119 Amps
GROUND FAULT PICKUP	----- Amps	----- Amps	----- Amps
GROUND FAULT DELAY	----- Sec	----- Sec	----- Sec

NOTES

CONTACT RESISTANCE

MILLIVOLT DROF P1 35 P2 66 P3 50 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 146 P2 97 P3 122

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	2.7T	3T	3T	LINE	3T	3T	3T	2.3T	3T	3T	1.79T	906G	2.7T	17.2G	30.5G	41.2G
LOAD	1.47T	3T	3T	LOAD	14.7G	29.3G	37.4G									

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 120VAC	STAGES N/A	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A
CAT # ----	CAT # ----	CAT # ----	CAT # ----	CAT # ----	CAT # ----	CAT # ----
NEW ----	NEW Same	NEW ----	NEW ----	NEW ----	NEW ----	NEW ----
15 MIN TEST ----	MICROSWT FUNCTIONAL Check	Ohms ----	MICROSWT FUNCTIONAL ----	MICROSWT FUNCTIONAL ----	MICROSWT ----	VOLT R-UP ----
DROPOUT VOLTAGE ----	VOLTAGE RUN UP 19VAC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP ----	Ohms ----	LOCK OUT ----	LOCK OUT ----
Ohms ----	Ohms 578M	Check	Ohms ----		RESET ----	RESET ----
					VOLT R-UP ----	Ohms ----
					Ohms ----	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: Rating Plug interlock trips breaker at 2 1/2 turns. Red push to trip button is functional. Breaker is equipped with load side lugs.

DEFICIENCIES: _____