



480 VOLT TEST REPORT



CUSTOMER _____ JOB # 12 PAGE _____
 OWNER _____ DATE 7/13/2012 TEMPERATURE 21.1 °C HUMIDITY 47 %
 FACILITY BREAKER SHOP NOTES _____
 SUB or AREA BREAKER SHOP ASSET/ID _____
 POSITION BREAKER SHOP DEVICE SP100 - 480 VOLT TEST REPORT (13)
 TESTED BY Joshua Osborne TEST SETS USED 0125, 0222, 0223, 0224

CIRCUIT BREAKER

MANUFACTURER WESTINGHOUSE CAT# PC 32000F FRAME RATING 2000
 C.T. RATING 1600 SERIAL NUMBER N/A INTERRUPTING RATING N/A @ N/A

TRIP UNIT

MANUFACTURER WESTINGHOUSE CAT# 255P209H01A TYPE N/A
 RATING PLUG CAT# N/A RATING PLUG RATING 1600

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1600 LONG TIME DELAY ----- CURVE # SC-3607-81A

SHORT TIME PICKUP 2 SHORT TIME DELAY -----

INSTANTANEOUS N/A

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

LONG TIME DELAY 4800 LONG TIME % 300
33 to 70 Sec LONG TIME PICKUP 3200

SHORT TIME DELAY 4800 SHORT TIME % 150
.3 to .55 Sec SHORT TIME PICKUP 3200

INSTANTANEOUS N/A

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

PHASE	P1		P2		P3	
LONG TIME PICKUP	N/A	Amps	N/A	Amps	N/A	Amps
LONG TIME DELAY	42.78	Sec	41.85	Sec	41.06	Sec
SHORT TIME PICKUP	3306	Amps	3209	Amps	3202	Amps
SHORT TIME DELAY	.459	Sec	.427	Sec	.444	Sec
INSTANTANEOUS	N/A	Amps	N/A	Amps	N/A	Amps
GROUND FAULT PICKUP	N/A	Amps	N/A	Amps	N/A	Amps
GROUND FAULT DELAY	N/A	Sec	N/A	Sec	N/A	Sec

NOTES

CONTACT RESISTANCE

MILLIVOLT DROP P1 184 P2 203 P3 157 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 23 P2 27 P3 26

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	1.66T	1.27T	1.79T	LINE	1.52T	1.83T	3T	LINE	1.63T	1.20T	1.54T	LINE	5.49G	4.92G	1.11G	LINE	3.07G	10.5G	8.84G
LOAD	475G	619G	593G	LOAD	9.59G	9.50G	8.88G												

CONTROL WIRING 500VDC

OPEN N/A CLOSED N/A 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 FUNCTIONAL _____	VOLT R-UP _____
DROPOUT VOLTAGE _____	VOLTAGE RUN UP 38VAC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP _____	Ohms _____	LOCK OUT _____	LOCK OUT _____
Ohms _____	Ohms _____	CHECK	Ohms _____		RESET _____	RESET _____
					VOLT R-UP _____	Ohms _____
					Ohms _____	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: RED PUSH TO TRIP BUTTON IS FUNCTIONAL.

DEFICIENCIES: _____