



480 VOLT TEST REPORT



CUSTOMER _____ JOB # 15 PAGE _____
 OWNER _____ DATE 8/7/2012 TEMPERATURE 22.2 °C HUMIDITY _____ %
 FACILITY BREAKER SHOP NOTES TAG # 012
 SUB or AREA BREAKER SHOP ASSET/ID _____
 POSITION BREAKER SHOP DEVICE SP100 - 480 VOLT TEST REPORT (16)
 TESTED BY Joshua Osborne TEST SETS USED 0125, 0222, 0223, 0224

CIRCUIT BREAKER

MANUFACTURER WESTINGHOUSE CAT# DB 50 FRAME RATING 1600
 C.T. RATING 1600 SERIAL NUMBER 48Y2089 INTERRUPTING RATING 600VAC @ 50KA

TRIP UNIT

MANUFACTURER UTILITY RELAY COMPANY CAT# T-361 TYPE AC-PRO
 RATING PLUG CAT# N/A RATING PLUG RATING N/A

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1 LONG TIME DELAY 30 CURVE # AC-PRO

SHORT TIME PICKUP 2 SHORT TIME DELAY .3

INSTANTANEOUS 2

GROUND FAULT PICKUP 1200 GROUND FAULT DELAY .5

LONG TIME DELAY 4800 LONG TIME % 300
95 to 150 Sec LONG TIME PICKUP 1600

SHORT TIME DELAY 4800 SHORT TIME % 150
.28 to .4 Sec SHORT TIME PICKUP 3200

INSTANTANEOUS 3200

GROUND FAULT DELAY 1800 GROUND FAULT % 150
.48 to .6 Sec GROUND FAULT PICKUP 1200

PHASE	P1	P2	P3
LONG TIME PICKUP	1574 Amps	1557 Amps	1589 Amps
LONG TIME DELAY	113.3 Sec	114.5 Sec	115.5 Sec
SHORT TIME PICKUP	3158 Amps	3261 Amps	3194 Amps
SHORT TIME DELAY	.353 Sec	.351 Sec	.352 Sec
INSTANTANEOUS	3060 Amps	3108 Amps	3085 Amps
GROUND FAULT PICKUP	1271 Amps	1254 Amps	1298 Amps
GROUND FAULT DELAY	.546 Sec	.550 Sec	.542 Sec

NOTES

CONTACT RESISTANCE

MILLIVOLT DROF P1 316 P2 306 P3 309 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 30 P2 30 P3 27

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	336M	261M	283M	LINE	737M	634M	756M	LINE	302M	221M	440	LINE	81.7M	63.7M	69.1M	LINE	176M	168M	200M
LOAD	169M	156M	158M	LOAD	446M	401M	456M												

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 2A-2B	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A
CAT # _____	CAT # S-1574583	CAT # _____	CAT # _____	CAT # _____	CAT # _____	CAT # _____
NEW _____	NEW SAME	NEW SAME	NEW _____	NEW _____	NEW _____	NEW _____
15 MIN TEST _____	MICROSWT FUNCTIONAL CHECK	Ohms .2	MICROSWT FUNCTIONAL _____	MICROSWT FUNCTIONAL _____	MICROSWT FUNCTIONAL _____	VOLT R-UP _____
DROPOUT VOLTAGE _____	VOLTAGE RUN UP 62VAC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP _____	Ohms _____	LOCK OUT _____	LOCK OUT _____
Ohms _____	Ohms 10.1	CHECK	Ohms _____		RESET _____	RESET _____
					VOLT R-UP _____	Ohms _____
					Ohms _____	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____