



480 VOLT TEST REPORT



CUSTOMER _____ JOB # 14 PAGE _____
 OWNER _____ DATE 8/1/2012 TEMPERATURE 23.9 °C HUMIDITY 45 %
 FACILITY BREAKER SHOP NOTES Tag number= 013
 SUB or AREA Breaker Shop ASSET/ID _____
 POSITION Breaker Shop DEVICE SP100 - 480 VOLT TEST REPORT (15)
 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 47Y9918 INTERRUPTING RATING 600VAC @ 50KA

TRIP UNIT

MANUFACTURER Utility Relay Company CAT# N/A TYPE AC-PRO
 RATING PLUG CAT# N/A RATING PLUG RATING N/A

TRIP UNIT AS FOUND SETTINGS

LONG TIME PICKUP 1600 LONG TIME DELAY 30 CURVE # AC-PRO

SHORT TIME PICKUP 3200 SHORT TIME DELAY .3

INSTANTANEOUS 3200

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	1585 Amps	1595 Amps	1589 Amps
LONG TIME DELAY	114.7 Sec	117.1 Sec	116.1 Sec
SHORT TIME PICKUP	3178 Amps	3188 Amps	3187 Amps
SHORT TIME DELAY	.370 Sec	.355 Sec	.358 Sec
INSTANTANEOUS	3170 Amps	3185 Amps	3187 Amps
GROUND FAULT PICKUP	1227 Amps	1213 Amps	1212 Amps
GROUND FAULT DELAY	.548 Sec	.551 Sec	.552 Sec

NOTES

CONTACT RESISTANCE

MILLIVOLT DROF P1 286 P2 271 P3 295 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 26 P2 32 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	511M	404M	403M	LINE	1.09G	981M	1.07G	LINE	756M	639M	619M	LINE	196M	186M	158M	LINE	482M	447M	449M
LOAD	286M	286M	225M	LOAD	285M	620M	616M												

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 63VAC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP _____	Ohms _____	LOCK OUT _____	LOCK OUT _____
Ohms _____	Ohms 10	CHECK	Ohms _____		RESET _____	RESET _____
					VOLT R-UP _____	Ohms _____
					Ohms _____	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____