



480 VOLT TEST REPORT



CUSTOMER _____ JOB # 13 PAGE _____
 OWNER _____ DATE 7/24/2012 TEMPERATURE 22.8 °C HUMIDITY 43 %
 FACILITY Breaker Shop NOTES _____
 SUB or AREA BREAKER SHOP ASSET/ID _____
 POSITION BREAKER SHOP DEVICE SP100 - 480 VOLT TEST REPORT (14)
 TESTED BY Joshua Osborne TEST SETS USED 0125, 0222, 0223, 0224

CIRCUIT BREAKER

MANUFACTURER Westinghouse CAT# DB-75 FRAME RATING 3000A.
 C.T. RATING 3000 SERIAL NUMBER 48Y2074 INTERRUPTING RATING 600VAC @ 75000KA

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 3000 LONG TIME DELAY 30 CURVE # AC-PRO

SHORT TIME PICKUP 6000 SHORT TIME DELAY .3

INSTANTANEOUS 6000

GROUND FAULT PICKUP 1200 GROUND FAULT DELAY .5

LONG TIME DELAY 9000 LONG TIME % 300
95 to 150 Sec LONG TIME PICKUP 3000

SHORT TIME DELAY 9000 SHORT TIME % 150
.28 to .4 Sec SHORT TIME PICKUP 6000

INSTANTANEOUS 6000

GROUND FAULT DELAY 1800 GROUND FAULT % 150
.38 to .5 Sec GROUND FAULT PICKUP 1200

PHASE	P1	P2	P3
LONG TIME PICKUP	2975 Amps	2996 Amps	2920 Amps
LONG TIME DELAY	112.7 Sec	109.3 Sec	115.0 Sec
SHORT TIME PICKUP	6020 Amps	6000 Amps	5950 Amps
SHORT TIME DELAY	.359 Sec	.359 Sec	.361 Sec
INSTANTANEOUS	5810 Amps	5960 Amps	5850 Amps
GROUND FAULT PICKUP	1223 Amps	1257 Amps	1265 Amps
GROUND FAULT DELAY	.552 Sec	.543 Sec	.558 Sec

NOTES

CONTACT RESISTANCE

MILLIVOLT DROF P1 305 P2 384 P3 430 CONTACT RESISTANCE IN MICRO OHMS @ 10 Amps : P1 11/9 P2 13/13 P3 11/12

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	516M	347M	487M	LINE	979M	1.02G	1.04G	LINE	829M	491M	730M	LINE	185M	101M	179M	LINE	387M	368M	453M
LOAD	293M	138M	246M	LOAD	521M	495M	657M												

CONTROL WIRING 500VDC

OPEN 1.5T CLOSED 1.5T NOTES:

OPERATIONS

UNDER VOLTAGE RELEASE	SHUNT TRIP	AUXILIARY SWITCH	CLOSE COIL	ELECTRIC OPERATOR	BLOWN FUSE OPERATOR	BELL ALARM
VOLTAGE N/A	VOLTAGE 120VAC	STAGES 4A-4B	VOLTAGE 440VAC	VOLTAGE N/A	VOLTAGE N/A	VOLTAGE N/A
CAT # _____	CAT # S-1574583	CAT # _____	CAT # S-300P834G01	CAT # _____	CAT # _____	CAT # _____
NEW _____	NEW SAME	NEW SAME	NEW SAMW	NEW _____	NEW _____	NEW _____
15 MIN TEST _____	MICROSWT FUNCTIONAL CHECK	Ohms .5	MICROSWT FUNCTIONAL CHECK	MICROSWT FUNCTIONAL _____	MICROSWT _____	VOLT R-UP _____
DROPOUT VOLTAGE _____	VOLTAGE RUN UP 70VAC	25 OPERATIONS COMPLETED	VOLTAGE RUN UP _____	Ohms _____	LOCK OUT _____	LOCK OUT _____
Ohms _____	Ohms 9.9	CHECK	Ohms 48.2		RESET _____	RESET _____
					VOLT R-UP _____	Ohms _____
					Ohms _____	

Test Satisfactory Test Unsatisfactory (Please See Deficiencies Below)

COMMENTS: _____

DEFICIENCIES: _____