



P.S. Electrical Services (1998) Ltd
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ACB REFURBISHMENT TEST SHEET

ACB MAKE: Merlin Gerin
MODEL: M32H2

YEAR OF MANUFACTURE: 2000
NUMBER OF POLES: 3

Mechanical Operation	PASS	FAIL
CHARGE HANDLE	✓	
OPEN OPERATION	✓	
CLOSE OPERATION	✓	
TRIP FROM PROTECTION UNITS	✓	
ARC SHUTES	✓	

Electrical Operation	PASS	FAIL
CHARGE MOTOR	240V AC 50/60 Hz ✓	
OPEN	240V AC 50/60 Hz ✓	
CLOSE	240V AC 50/60 Hz ✓	
UNDERVOLTS	240V AC 50/60 Hz ✓	

Ductar Test	L1			L2			L3			N		
	A	mV	μΩ	A	mV	μΩ	A	mV	μΩ	A	mV	μΩ
	100	0.80	7.9	100	0.91	8.9	100	1.0	9.8			

Insulation Test Breaker Closed	L1 – L2		L1 – L3		L2 - L3	
	align="center">> 200 MΩ		align="center">> 200 MΩ		align="center">> 200 MΩ	
	L1 – N		L2 – N		L3 - N	

Insulation Test Breaker Open	L1	L2	L2	N
	> 200 MΩ	> 200 MΩ	> 200 MΩ	

Flash Test Breaker Open 2.5KV for one minute	PASS	FAIL
	✓	

STR58U	PASS	FAIL
Timed Curve	✓	
Instantaneous	✓	
Earth Fault Protection	NA	

TESTED TO MANUFACTURERS CURVE

Inspection/Date	Peter Ward 21 st December 2011
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