


Results :JPS112F rev 1

Procedure JPS0057P	Metrotest MPAT 10 Portable Appliance Tester	Sheet 1 of 2
Serial Number	Customer Reference Number	Certificate Number
Customer	Calibrated By	Date
Ambient Temp 21 +/- 1 C	R.H. 38 +/- 10%	
Reference Equipment Used JPS0217A JPS0218A		

8A Earth Bond

Earth Lead Resistance (Ω)			Specification			Result
Applied Resistance	UUT Measured Resistance (Ω)		Tolerance	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	+/-5%+2D	(Ω)	(Ω)	
0.0387	0.1	0.04	0.022	0.017	0.061	PASS
0.1000	0.15	0.09	0.025	0.075	0.125	PASS
0.1511	0.2	0.14	0.028	0.124	0.179	PASS
0.2727	0.33	0.27	0.034	0.239	0.306	PASS
0.3793	0.44	0.38	0.039	0.340	0.418	PASS
0.5479	0.63	0.57	0.047	0.501	0.595	PASS
1.0442	1.12	1.06	0.072	0.972	1.116	PASS
Measured Earth Bond Current (A)			7.65			


25A Earth Bond

Earth Lead Resistance (Ω)			Specification			Result
Applied Resistance	UUT Measured Resistance (Ω)		Tolerance	Min Lim	Max Lim	
(Ω)	Displayed	(-Lead)	+/-5%+2D	(Ω)	(Ω)	
0.0387	0.08	0.04	0.022	0.017	0.061	PASS
0.1000	0.14	0.1	0.025	0.075	0.125	PASS
0.1511	0.19	0.15	0.028	0.124	0.179	PASS
0.2727	0.31	0.27	0.034	0.239	0.306	PASS
0.3793	0.44	0.4	0.039	0.340	0.418	PASS
0.5479	0.62	0.58	0.047	0.501	0.595	PASS
1.0442	1.11	1.07	0.072	0.972	1.116	PASS
Measured Earth Bond Current (A)			23.45			

500V Insulation Resistance

Applied Resistance	UUT Measured Resistance		Specification			Result
(M Ω)	(M Ω)		Tolerance	Min Lim	Max Lim	
			+/-5%+2D	(M Ω)	(M Ω)	
0.9	<1.00		n/a	n/a	n/a	PASS
1.1	1.11		0.075	1.025	1.175	PASS
2.0	2.03		0.120	1.880	2.120	PASS
9.0	9.39		0.470	8.530	9.470	PASS

Results :JPS112F rev 1

Procedure JPS0057P	Metrotest MPAT 10	Sheet 2 of 2
Serial Number 0	Customer Reference Number 0	Certificate Number 0
Customer 0	Calibrated By 0	Date 0-Jan-00
Ambient Temp 21 +/- 1 C	R.H. 38 +/- 10%	
Reference Equipment Used JPS0217A JPS0218A		

Leakage Test (mA)

Applied Current (mA)	UUT Measured Current (mA)	Specification Tolerance +/-10%+60uA	Specification		Result
			Min Lim (mA)	Max Lim (mA)	
2.0	2.06	0.260	1.740	2.260	PASS
4.7	4.9	0.530	4.170	5.230	PASS

Load Test (mA)

Applied Load (kVA)	Measured Load (kVA)
0.13	0.13

Flash Class 1 Test

Applied Current (mA)	UUT Measured Current (mA)	Specification Tolerance +/-5%+2D	Specification		Result
			Min Lim (mA)	Max Lim (mA)	
0.94	0.96	0.067	0.873	1.007	PASS
Measured Voltage (V)			1362		

Flash Class 2 Test

Applied Current (mA)	UUT Measured Current (mA)	Specification Tolerance +/-5%+2D	Specification		Result
			Min Lim (mA)	Max Lim (mA)	
0.91	0.93	0.066	0.845	0.976	PASS
Measured Voltage (V)			2630		

Comments:

Specifications: As detailed for Metrotest MPAT 10 in JPSL0156 Operating Instructions

Ref	Description	Cal Due	UKAS Trace
JPS0217A	Transmille 3200 Electrical Calibrator	6-Jul-07	09856
JPS0218A	Transmille FLASH Adaptor	6-Jul-07	09905