


Results :JPS0097F rev 2

Procedure JPS0054P	Metrel Instaltest 61557	Sheet 1 of 2
Serial Number	Customer Reference Number	Certificate Number
Customer	Calibrated By	Date
Ambient Temp 23 +/- 1%	R.H. 38 +/- 10%	
Reference Equipment Used JPS0217A		

Voltage Logger


Applied Voltage (V)	Frequency (Hz)	UUT Reading (V)	Specification			Status
			Tolerance (+/-2%+2D)	Min Lim (V)	Max Lim (V)	
215.1	50	215	6.302	208.798	221.402	PASS
387.3	50	387	9.746	377.554	397.046	PASS

Continuity

Applied Resistance (Ω)	UUT Reading (Ω)	Test Current (mA)	Specification			Status
			Tolerance (+/-)	Min Lim (Ω)	Max Lim (Ω)	
0.02	0.01	200	+/-2%+2D	-0.0004	0.0404	PASS
0.2	0.2	200	+/-2%+2D	0.176	0.224	PASS
1	1	200	+/-2%+2D	0.96	1.04	PASS
20	20.1	200	+/-3%	19.4	20.6	PASS
100	100.5	200	+/-3%	97	103	PASS
1000	999	200	+/-3%	970	1030	PASS

Insulation Resistance

Applied Resistance (MΩ)	UUT Reading (MΩ)	Test Voltage (V)	Specification			Status
			Tolerance (+/-)	Min Lim (Ω)	Max Lim (Ω)	
0.50	0.498	250	+/-2% + 2D	0.488	0.512	PASS
0.50	0.499	500	+/-2% + 2D	0.488	0.512	PASS
0.50	0.499	1000	+/-2% + 2D	0.488	0.512	PASS
5.00	4.97	250	+/-2% + 2D	4.88	5.12	PASS
5.00	5.01	500	+/-2% + 2D	4.88	5.12	PASS
5.00	5.01	1000	+/-2% + 2D	4.88	5.12	PASS
50.00	49.60	250	+/-2% + 2D	48.8	51.2	PASS
50.00	49.50	500	+/-2% + 2D	48.8	51.2	PASS
50.00	49.40	1000	+/-2% + 2D	48.8	51.2	PASS
500.00	503.00	250	+/-10%	450	550	PASS
500.00	498.0	500	+/-10%	450	550	PASS
500.00	498.0	1000	+/-10%	450	550	PASS
Measured Voltage at 250V, 500V, 1000V		264.2	524.4		1035.8	

Procedure JPS0054P	Metrel Instaltest 61557	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 23 +/- 1%	R.H. 38 +/- 10%	
Reference Equipment Used JPS0217A		

Earth Loop Impedance

Applied Resistance (Ω)	UUT Reading (Ω)	Specification			Status
		Tolerance (+/-)	Min Lim (Ω)	Max Lim (Ω)	
0.4900	0.52	5%+5D	0.416	0.565	PASS
0.5470	0.58	5%+5D	0.470	0.624	PASS
1.4922	1.51	5%+5D	1.368	1.617	PASS
10.4931	10.44	5%+5D	9.918	11.068	PASS
100.15	98.3	5%+5D	94.643	105.658	PASS
1000.96	1009	5%+5D	945.912	1056.008	PASS

RCD Timing

Applied Time (ms)	UUT Reading (ms)	Specification			Status
		Tolerance (+/-)	Min Lim (ms)	Max Lim (ms)	
20.0	20	3ms	17.0	23.0	PASS
100.0	99	3ms	97.0	103.0	PASS
200.0	200	3ms	197.0	203.0	PASS

RCD Current

Measured Current (mA)	UUT Setpoint (mA)	Specification			Status
		Tolerance (+/-)	Min Lim (mA)	Max Lim (mA)	
10.9	10	10%	9	11	PASS
32.37	30	10%	27	33	PASS
104.75	100	10%	90	110	PASS
317.80	300	10%	270	330	PASS
522.60	500	10%	450	550	PASS

Phase Rotation	PASS
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Comments:

Specifications : as per Metrel Instaltest 61557 Instruction Manual Version 3 JPS Ref : JPSSL0158

Ref	Description	Cal Due
JPS0217A	Transmille 3200 Electrical Test Equipment Calibrator	6-Jul-07