Sonel PQM-707 Power Quality Analyzer • Quick Guide





Analyzer settings

Connections



Recording



Data analysis



Recording summery window

(2)

screenshot

(§ 10:31:48 2016-08-05	🧣 F-x 🔛 3.6 GB free 🕺 💷				
Recording analysis - recording summary	0				
Recording configuration: 💽 testsite1-1s-3ph4w-flex					
Start: 2016-08-05 10:11:05 UANG MAR Stop: L1: 230.4V (100 Duration: 0d 0h 20m 43s L2: 189.8V (82.1 Free space: 3.6 GB 231.3V (100 L2: 189.8V (82.1 Assume that time: 17 d 0 h L3: 231.3V (100 L3: 231.3V (100 Mark Stream Stream 17 d 0 h L3: 284.2mV (0.1: L1: 19.16 Mark Stream V Dips: 1 J. Other: 3 L2: 169.6m Mark Stream All: 5 N: 9.697/	UAVG UAVG MAX 1.17%Un) 233.8V (101.65%Un) 235.1V (102.21%Un) 50%Un) 234.0V (101.74%Un) 235.9V (102.65%Un) 1.57%Un) 233.6V (101.74%Un) 234.8V (102.09%Un) 2%Un) 396.4mV (0.17%Un) 739.5mV (032%Un) 2%Un) 396.4mV (0.17%Un) 739.5mV (032%Un) N IAvG IAvG MAX A 21.52A 45.65A 1A 27.38A 44.74A A 16.98A 41.60A A 14.46A 31.35A				
∿ Un: 230.0 V → fn:50 Hz	y testsite1-1s-3ph4w-flex				
Á Ŵ					
 Statistics of events Statistics of Voltage and Amps measure- ment generation <	timeplots harmonics to to standard report (only for config- ration acc. to standard) to energy costs calculator (only for onfiguration acc. to user)				
RMS _{1/2}	plot				
Reason of event Marker to view details at selected time					
() 16:58:16 2016-08-14 () 17 F-x () 3.6 GB free	Select signals				
New Construction All View	to visualize: • Ch 1: V A, V A-B, I A • Ch 2: V A, V A-B, I B • Ch 2: V A, V A-B, I B • Ch 3: V A, V A-B, I C • Ch 3: V A, V A-B, I C • Ch 4: V N-PE, I N • Ch 4: V N-PE, I N				
 zoom of visible time window zoom-in horizontally 	<pre>select view type jo to ANSI plot</pre>				
zoom-out horizontally jo to CBEMA plot					





Data analysis



Data analysis



Inrush current



Waveform plot will appear



Set necessary parameters

(2)

W~



Inrush RMS plot





I RMS ½ max [A]		I²t [A²s]	
L1	22.81	52.89	
L2	21.38	47.98	
L3	21.64	51.05	

∿ U _n : 230.0 V	- ∿- f _n :50 Hz	ÎN	> 1-ph-test-config	
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Find more information in the user manual and on our website www.sonel.pl/en