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Certificate of Conformity

IEC 61000-4-30 Class A

Schneider Electric ION8650

with GPS-200 Time Code Generator
 (or other GPS receiver with equivalent accuracy and functionality)

IEC 61000-4-30 Ed. 2

230V, 50/60 Hz, L-N U_{din} for all parameters
 and Flicker at 230V, 50Hz and 120V, 60Hz.

61000-4-30 Section	Power Quality Parameter	Class A Compliance	Class S Compliance	Class B Compliance	Remarks
5.1	Power frequency	Yes	Yes	Yes	
5.2	Magnitude of the supply voltage	Yes	Yes	Yes	
5.3	Flicker	Yes	Yes	(N/A)	See Note 1
5.4	Supply voltage dips and swells	Yes	Yes	Yes	
5.5	Voltage interruptions	Yes	Yes	Yes	
5.7	Supply voltage unbalance	Yes	Yes	Yes	
5.8	Voltage harmonics	Yes	Yes	Yes	
5.9	Voltage interharmonics	Yes	Yes	Yes	
5.10	Mains signaling voltage	Yes	Yes	Yes	
5.12	Underdeviation and overdeviation	Yes	(N/A)	(N/A)	
4.4	Measurement aggregation intervals	Yes	Yes	Yes	
4.6	Time-clock uncertainty	Yes	Yes	Yes	
4.7	Flagging	Yes	Yes	(N/A)	
6.1	Transient influence quantities	Yes	(N/A)	(N/A)	

(N/A) – Not Applicable. There is no requirement in the Standard.

Note 1: Flicker was tested at 230V, 50Hz and 120V, 60Hz. EUT meets Class A requirements at both test levels.

This certificate summarizes the results of the PSL IEC 61000-4-30 Power Quality Measurement Methods Compliance Report, document # PSL SCHN-010, dated 31 August 2011. PSL tested two samples, S/N MW-1009A037-00 and MW-1009A041-00 at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the Schneider ION8650 series.



Schneider Electric ION8650

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