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Certificate of Conformity

IEC 61000-4-30 Class A

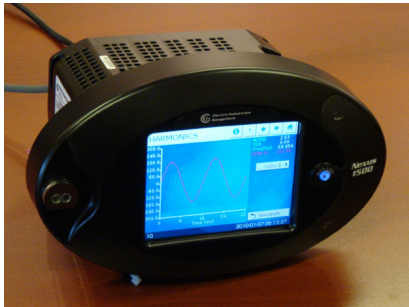
Electro Industries Nexus 1500
 equipped with compatible IRIG-B GPS receiver

IEC 61000-4-30 Ed. 2
 230V, 50/60 Hz, L-N U_{din}

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 below
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	(N/A)	
5.12	Underdeviation and overdeviation	Yes	Yes	Yes	
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)	See Note 2 below

(N/A) – Not Applicable. There is no requirement in the Standard.
 Note 1: EUT meets Class A requirements at 230V, 50Hz.
 Note 2: Transients applied to EUT measuring terminals and power terminals.

This certificate summarizes the results of the PSL IEC 61000-4-30 Power Quality Measurement Methods Compliance Report, PSL document # ELIND-001, dated 11 January 2010. PSL tested one sample, S/N 910-0035301315 at 230VAC, 50/60 Hz. Manufacturer states that this sample is representative of the Nexus 1500 series.



Electro Industries Nexus 1500

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