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# Certificate of Conformity

## IEC 61000-4-30 Class A

**A-Eberle PQI-DA and PQI-D**  
 equipped with A-Eberle GPS Receiver  
 (or other GPS receiver with equivalent accuracy and functionality)

**IEC 61000-4-30 Ed. 2**  
 230V, 50/60 Hz, L-N U<sub>din</sub>

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	Yes	
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

(N/A) – Not Applicable. There is no requirement in the Standard.  
 Note 1: Flicker is only defined at 230V, 50Hz and 120V, 60Hz. 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, document # PSL EBE-001-30, dated 31 March 2010. PSL tested two samples, S/N 119.7.315 and 118.7.172 at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the A-Eberle PQI-DA and PQI-D series.



A-Eberle PQI-DA

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