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# Certificate of Conformity

## IEC 61000-4-30 Class A

### Schneider Electric ION8800

when equipped with the following accessories or options:  
TEKRON TCG 01 GPS Receiver  
(or other GPS receiver with equivalent accuracy and functionality)

**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                | 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)              | See Note 2 below |

(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 both test levels.

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 SCHN-011-30, dated 10 October 2011. PSL tested two samples, S/N MN-1107A032-01 and MN-1107A033-01 at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the ION8800 series.



Schneider ION8800

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