



## DECLARATION OF CONFORMITY

Technosoft SA hereby declares that the following

**PRODUCT(s): IS233-MA; IS232-MA; IS231-MA; IS233-DS; IS232-DS; IS231-DS**

conforms to the

### APPLICABLE DIRECTIVES:

|             |   |
|-------------|---|
| EN61800-3   | Adjustable Speed Electrical Power Drive Systems |
| 2006/95/EC  | Low Voltage Directive                           |
| 2004/108/EC | Electromagnetic Compatibility (EMC) Directive   |
| 93/68/EEC   | CE Marking Directive                            |

by meeting or exceeding the requirements of the following standards:

Radiated emissions CISPR11 : 2009 + Amendment 1 : 2010  
Radio-frequency Disturbance Characteristics of Industrial, Scientific and Medical Equipment  
Group 1, Class A / CISPR11; Category C3, Second Environment / EN61800-3:  
30MHz to 1GHz, 10 meter : 50...60dB $\mu$ V/m

Conducted emissions CISPR11 : 2009 + Amendment 1 : 2010  
Conducted Radio Disturbance Measurement  
Group 1, Class A / CISPR11; Category C3, Second Environment / EN61800-3:  
150KHz to 30MHz, DC Supply lines : 60...90dB $\mu$ V<sub>AVERAGE</sub> , 70...100dB $\mu$ V<sub>QUASISPEAK</sub>

Radiated immunity EN61000-4-3 : 2006 + Amendment 2 : 2010  
Radiated Electromagnetic Field Immunity Test  
Criteria A : Undisturbed operation  
80MHz to 1GHz, 80% AM 1KHz : 10V/m

Conducted immunity EN61000-4-2 : 2008  
Electrostatic Discharge Immunity Test  
Criteria B : Self-recoverable temporary deviation  
Contact Discharge :  $\pm$ 4KV

Conducted immunity EN61000-4-4 : 2004 + Amendment 1 : 2010  
Electrical Fast Transient / Burst Immunity Test  
Criteria B : Self-recoverable temporary deviation  
5/50nS, 5KHz, 1 minute, DC supply lines :  $\pm$ 2KV  
5/50nS, 5KHz, 1 minute, CAN-Bus and I/O ports with 3m cables :  $\pm$ 2KV

Conducted immunity EN61000-4-6 : 2008  
Conducted Radio-Frequency-Induced Common-Mode Disturbances Immunity Test  
Criteria A : Undisturbed operation  
150KHz to 80MHz, 80% AM 1KHz, DC supply lines : 10V

The product specified conforms to the directives and standards described above and has been manufactured according to good engineering practice.

### CONSULT THE CORRESPONDING USER MANUAL FOR CORRECT INSTALLATION

Neuchâtel, June 2010

TECHNOSOFT SA

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