



DECLARATION OF CONFORMITY

Application of Council Directive(s): 2014/30/EU - The EMC Directive
Manufacturer's Name: Axiomatic Technologies Corporation
5915 Wallace Street
Mississauga, Ontario Canada L4Z 1Z8

Equipment Type/Environment: Power Gen Set Networked Controller
Trade Names/Model Nos: RTD Temperature Scanner/AXRTD8, AXRTD8CO, 234-1645, JM171100, JM171101

Year of Manufacture: 2012/2013/2014/2015/2016/2017/2018/2019/2020
Testing Facility: Self-declared

File No.: Elite Electronic Engineering Inc. AXRTD8 (Engineering Test Report No. 1200329-02 and 1201612-02)

Records Maintained by: Axiomatic Technologies Corporation
5915 Wallace Street, Mississauga, ON
Canada L4Z 1Z8
TEL: 905-602-9270

Standard(s) to which Conformity is Declared:

Emissions:

IEC 60533: 1999 (Table 3, Class B)

Radiated Emissions (0.15 – 30 MHz: 80-50 dbuV/m; 30-100 MHz: 60-54 kbuV/m; 100-2000 MHz: 54 dbuV/m except 156-165MHz 24 dbuV/m)

Conducted Emissions (10-150 kHz: 120-69 dbuV, 150-500 kHz: 79 dbuV, 0.5-30 MHz: 73 dbuV)

Test set up and methods per:

CISPR 16-1-1, Specification for radio disturbance and immunity measuring apparatus and methods – Part 1:

Radio disturbance and immunity measuring apparatus. 2010. Class A

CISPR 16-1-2, Specification for radio disturbance and immunity measuring apparatus and methods – Part 2:

Methods of measurement of disturbance and immunity. 2009. Class A

CISPR 16-1-4. 2010

CISPR 16-2-3. 2010

Immunity:

Conducted Susceptibility IEC 60533:1999 Table 4 and EN 61000-4-6 *Immunity to conducted disturbances, induced by radio-frequency fields*: 2009 Criteria A (150 kHz-80 MHz, 3 Vrms) Criteria A

Radiated Susceptibility IEC 60533: 1999 Table 4 and EN 61000-4-3 *Radiated, radio-frequency, electromagnetic field immunity test*: 2010 (80 - 2,700 MHz; 10 V/m; 80% AM, 1kHz) Criteria A

Conducted Low Frequency Interference per IEC 60533:1999 Table 4 and EN 61000-4-16 *Test for immunity to conducted, common mode disturbances in the frequency range 50 Hz to 10 kHz*: 2011 (2.8 Vrms, 0.05=10 kHz) Criteria B

Electrical Fast Transients/Burst per IEC 60533:1999 Table 4 and EN 61000-4-4 *Electrical fast transient/burst immunity test*: 2004 (2 kV to power lines, 1kV to signal lines and communication lines, 300 s) Criteria B

Slow Transient/Electrical Surge Test per IEC 60533:1999 Table 4 and EN 61000-4-5 *Surge immunity test*: 2006 (+/- 0.5 kV L/L, +/- 1 kV L/E) Criteria B

Immunity to Electrostatic Discharge per IEC 60533:1999 Table 4 and EN 61000-4-2 *Electrostatic discharge immunity test*: 2009 (6kV contact discharge, 8kV air discharge) Criteria B

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive and Standards.

Manufacturer

Amanda Wilkins
Axiomatic Technologies Corporation
January 31, 2020
Mississauga, Ontario, Canada

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