



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: Distributed I/O Module AX030210, AX030210-01,
AX030210-02, AX030211, AX030440, AX031200, AX031200-01,
AX031200-02, AX031201
Year of Manufacture: 2019, 2020, 2021, 2022
Testing Facility: Elite Electronics Engineering Inc., 1516 Centre Circle,
Downers Grove, IL, USA 60515
File No.: Elite Electronic Engineering Inc. AX030210 (Engineering Test Report No. 1902125-01)
Records Maintained by: Axiomatic Technologies Corporation
5915 Wallace Street, Mississauga, ON
Canada L4Z 1Z8
TEL: 1 905-602-9270

Standard(s) to which Conformity is Declared:
IACS E10 Rev 7: 2018

Emissions:

IEC 60945: 2002

Radiated Emissions (0.15 – 30 MHz: 80-50 dbuV/m; 30-100 MHz: 60-54 kbuV/m; 100-6000 MHz; 54 dbuV/m except 156-165MHz 24 dbuV/m)

Test set up and methods per:

CISPR 16-2-3: 2010

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 16-2-1: 2010

Immunity:

Conducted Radio Frequency EN 61000-4-6:2013 *Immunity to conducted disturbances, induced by radio-frequency fields:* (150 kHz-80 MHz, 3 Vrms) Criteria A

Electromagnetic Field EN 61000-4-3: 2010 *Radiated, radio-frequency, electromagnetic field immunity test:* (80 – 6,000 MHz; 10 V/m; 80% AM, 1kHz) Criteria A

Conducted Low Frequency (3 Vrms, 0.05 to 10 kHz) Criteria A

Electrical Fast Transients/Burst per EN 61000-4-4: 2012 *Electrical fast transient/burst immunity test:* (2 kV to power lines, 1kV to signal lines and communication lines, 300 ms) Criteria B

Surge Test EN 61000-4-5: 2017 *Surge immunity test:* (+/- 0.5 kV L/L, +/- 1 kV L/E) Criteria B

Immunity to Electrostatic Discharge EN 61000-4-2: 2008 *Electrostatic discharge immunity test:* (6kV contact discharge, 2kV, 4kV and 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
March 31, 2022
Mississauga, Ontario, Canada