

EU DECLARATION OF CONFORMITY

Application of Council Directive(s):	2014/30/EU – The EMC Directive
Manufacturer’s Name:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada, L5T 2E3
Equipment Type/Environment:	4 Digital Inputs Controller, Ethernet, CAN
Trade Names/Model Nos:	AX032150
Testing Facility:	Elite Electronic Engineering Inc. 1516 Centre Circle Downers Grove, IL 60515, USA
File No.:	<i>Self-declared to Elite Engineering File No. 1902125-01</i>
Records Maintained by:	Axiomatic Technologies Corporation 1445 Courtneypark Drive E., Mississauga, ON, Canada, L5T 2E3. TEL: (+1) 905 602 9270 Unique ID No. – 49A

*Tentative

Standard(s) to which Conformity is Declared:

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 radiofrequency fields:* (150 kHz-80 MHz, 3 Vrms) Criteria A
- *Electromagnetic Field* EN 61000-4-3: 2010 *Radiated, radiofrequency, 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.



Haaris Rehman
Product Compliance Analyst

Date: 2024-05-28