

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Manufacturer's Name: N-TRON Corporation  
Manufacturer's Address: 3101 International Drive, Building 6  
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QUALITY MANAGEMENT SYSTEM  
CERTIFIED BY DNV  
**ISO 9001:2008**

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China: TEL +86 0.21.6113.3688

United Kingdom: TEL +44 (0) 1928.577257

India: TEL +91-9844-876540

Switzerland: TEL +41 41.740.6636

Singapore: TEL +65-8188-6821

Hereby, N-TRON Corporation declares that these industrial Ethernet devices are in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC and 2004/108/EC and 2011/65/EU Restriction of Hazardous Substance (ref. page 2).

Listing of conforming devices:

1002MC-SX	10/100/1000BaseT to 1000BaseSX Media Converter (Multimode, SFP Pluggable Mini-GBIC w/ LC style connector, 500m) DIN-Rail
1002MC-LX-YY	10/100/1000BaseT to 1000BaseLX Media Converter (Singlemode, SFP Pluggable Mini-GBIC w/ LC style connector) DIN-Rail
1003GX2-SX	3 port Industrial Gigabit Ethernet Switch (1 10/100/1000BaseT, 2 SFP Pluggable Mini-GBICs 1000BaseSX Multimode Fiber, w/ LC style connectors, 500m) DIN-Rail
1003GX2-LX-YY	3 port Industrial Gigabit Ethernet Switch (1 10/100/1000BaseT, 2 SFP Pluggable Mini-GBICs 1000BaseLX Singlemode Fiber, w/ LC style connectors) DIN-Rail
1003GX2-B	3 port Industrial Gigabit Ethernet Switch (1 10/100/1000BaseT, 2 SFP Mini-GBIC Fiber Expansion Ports) DIN-Rail.

Where YY = 10, 40 or 70 kilometers range; Input Voltage 10-30 VDC; Operating Temperature -40°C to 85°C

Standards of conformance: This product herewith complies with the requirements of standards presented below.

US Federal  
Communications  
Commission  
Industry Canada



- ANSI C63.4-2003: Method of Measurements of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the 9kHz to 40GHz
- US Code of Federal Regulations (CFR): Title 47, Part 15, Radio Frequency Devices, Subpart B, Unintentional Radiators (October 2006)
- Industry Canada ICES-003 Issue 3: Digital Apparatus (November 1997)

European Union  
Conformité  
Européenne



- 2004/108/EC – Electromagnetic Compatibility (EMC) Directive
- EN 55011:1998+A1:1999+A2:2002 – Industrial, Scientific and Medical (ISM) Radio-Frequency Equipment – Radio Disturbance Characteristics
- EN 61000-6-2:2001 – Immunity for Industrial Environments
- EN 61000-6-4:1998+A1:2001+A2:2003 – Emissions for Industrial Environments
- IEC 61000-4-2 Ed. 1.2 – Electrostatic Discharge Immunity Test
- IEC 61000-4-3 Ed. 2.1 – Radiated, Radio-Frequency, Electromagnetic Field Immunity Test
- IEC 61000-4-4 2nd Ed. – Electrical Fast Transient/Burst Immunity Test
- IEC 61000-4-5 2nd Ed. – Surge Immunity Test
- IEC 61000-4-6 Ed. 2.1 – Immunity to Conducted Disturbances Induced by Radio-Frequency Fields

Mr. John Maynard  
Regulatory Manager

NVLAP Lab. Accredited to ISO/IEC 17025:2005  
Electromagnetic Compatibility and Telecommunications  
5015 B.U. Bowman Drive  
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Test Report: 08-0015

**Supplier's Declaration of Conformity (RoHS Declaration)**  
**Document No. N-TRON-050306**

**Object of the declaration: Equipment: Industrial Ethernet Switches and POE Devices**  
**Models: 100, 200, 300, 400, 500, 700, 900, 1000, 7000, 9000 & NT24k Series**

The object of the declaration described above is in conformity with the requirements of the following documents:

<b>Document No.</b>	<b>Title</b>	<b>Edition/Date of Issue</b>
2011/65/EU	Restriction of Hazardous Substances	8 June 2011

**Additional Information:**

Having regard to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (1), and in particular Article 5(1)(a) thereof,

- (1) In accordance with Directive 2011/65/EU the Commission is required to evaluate certain hazardous substances prohibited pursuant to Article 4(1) of that Directive.
- (2) Certain materials and components containing the restricted substances listed in Annex II should be exempt (or continue to be exempt) from prohibition, since the use of these hazardous substances in those specific materials and components is still unavoidable.”

“Annex III, Applications exempted from the restriction in Article 4(1) to Directive 2011/65/EU reads as follows:

7(b) Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications.

N-Tron complies with Directive 2011/65/EU with the Annex III, Exemption 7(b) for lead in solder.