



**DECLARATION  
OF CONFORMITY**  
According to EN/ISO/IEC 17050-1

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

Manufacturer: Red Lion Controls  
 Manufacturer's Address: 3101 International Drive, Building 6, Mobile, Alabama 36606 USA  
 USA: TEL +1 (717) 767-6511

Hereby, N-TRON Corporation declares that these industrial Ethernet devices are in compliance with the essential requirements and other relevant provisions of Directive Directives 2014/30/EC, 2014/35/EU and 2011/65/EU Restriction of Hazardous Substance (ref. page 2).

Listing of conforming industrial Ethernet switches:

- |               |  |
|---------------|--|
| 508TX         | 8 port 10/100BaseTX, Industrial Ethernet Switch, DIN-Rail                    |
| 508FX2-XX     | 8 port (six 10/100BaseTX, two 100BaseFX Fiber Uplink), DIN-Rail (multimode)  |
| 508FXE2-XX-YY | 8 port (six 10/100BaseTX, two 100BaseFX Fiber Uplink), DIN-Rail (singlemode) |
| 509FX-XX      | 9 port (8 10/100BaseTX, 1 100BaseFX Fiber Uplink), DIN-Rail (multimode)      |
| 509FXE-XX-YY  | 9 port (8 10/100BaseTX, 1 100BaseFX Fiber Uplink), DIN-Rail (singlemode)     |
| 516TX         | 16 port 10/100BaseTX, DIN-Rail   |
| 517FX-XX      | 17 port (16 10/100BaseTX, 1 100BaseFX Fiber Uplink), DIN-Rail (multimode)    |
| 517FXE-XX-YY  | 17 port (16 10/100BaseTX, 1 100BaseFX Fiber Uplink), DIN-Rail (singlemode)   |
- Where XX = SC or ST fiber connector and YY = 15, 40 or 80 kilometers  
 Input Voltage 10-30 VDC; Operating Temperature -40°C to 85°C

Standards of conformance: These products herewith comply with the requirements of standards presented below.

US Federal Communications  
 Commission  
 Industry Canada



- ANSI C63.4: American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.
- US Code of Federal Regulations (CFR): Title 47, Part 15, Radio Frequency Devices, Subpart B, Unintentional Radiators
- Industry Canada ICES-003: Digital Apparatus

European Union  
 Conformité  
 Européenne



- EN 55011: Industrial, scientific and medical (ISM) radio-frequency equipment - Electromagnetic Disturbance
- EN 61000-6-4 and EN 55032 Emissions Standard
- EN 61000-6-2 and EN 55024 Immunity Standard
- IEC 60068-2-1: Environmental Testing – Test A: Cold
- IEC 60068-2-2: Environmental Testing – Test B: Dry Heat
- IEC 60068-2-6: Environmental Testing – Test Fc: Vibration (sinusoidal)
- IEC 60068-2-30: Environmental Testing – Test Db: Damp Heat, Cyclic
- IEC 60533: Electrical and Electronic Installations in Ships - Electromagnetic Compatibility (Immunity Requirements)

Mr. John Maynard  
 Regulatory Manager

NVLAP Lab. Accredited to  
ISO/IEC 17025 Electromagnetic  
Compatibility and Telecommunications  
 Advanced Compliance Solutions, Inc.  
 5015 B.U. Bowman Drive  
 Buford, GA 30518  
 Test Reports: 08-0442 and 15-0014.C08.1B

A2LA Accreditation to ISO/IEC 17025  
Electromagnetic Compatibility,  
Telecommunications and Product Safety  
 Curtis-Straus, LLC  
 527 Great Road  
 Littleton, MA 01460  
 Test Report: NG0586-2



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**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, signalling, 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.