

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

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Hereby, N-TRON Corporation declares that these industrial Ethernet devices are in compliance with the essential requirements and other relevant provisions of Directives 2004/108/EC.

Listing of conforming industrial Ethernet devices:

308FX models 6 x 10/100 copper ports. 2 x 100 fiber port. Operating Temp. -40°C to 85°C. Input Voltage 10-30 VDC.
 309FX models 8 x 10/100 copper ports. 1 x 100 fiber port. Operating Temp. -40°C to 85°C. Input Voltage 10-30 VDC.
 316TX-N 16 x 10/100 copper ports. Operating Temp. -40°C to 85°C. Input Voltage 10-30 VDC.
 317FX-N 16 x 10/100 copper ports. 1 x 100 fiber port. Operating Temp. -40°C to 85°C. Input Voltage 10-30 VDC.

N = N-View switch monitoring. Blank for no monitoring. MM = Multimode fiber. SM = Singlemode fiber.
 E = Singlemode fiber. XX = ST or SC for fiber style connector. YY = 15, 40 or 80 for 15km, 40km or 80km SM fiber length.

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

US Federal Communications Commission/ Industry Canada



- US Code of Federal Regulations (CFR): Title 47, Part 15, Radio Frequency Devices, Subpart B, Unintentional Radiators.
- ANSI C63.4-1992: Method of Measurements of Radio-Noise Emissions from Low-Voltage.
- Industry Canada ICES-003 Issue 3: Digital Apparatus.

European Union Conformité Européenne



- EN 55011– Industrial, Scientific and Medical (ISM)
- IEC 61000-6-4: Emissions standard for industrial environments
- IEC 61000-6-2: Immunity standard for industrial environments
- IEC 61000-4-2: Electrostatic discharge
- IEC 61000-4-3: Radiated, radio-frequency, electromagnetic field immunity
- IEC 61000-4-4: Electrical fast transient/burst immunity test
- IEC 61000-4-5: Surge
- IEC 61000-4-6: Immunity to conducted disturbances, induced by radio-frequency fields
- IEC 61000-4-8: Power frequency magnetic field
- IEC 61000-4-11: Voltage dips, variations and short interruptions
- 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) Section 7

John Maynard
Regulatory Manager

Notified Body
TÜV Rheinland
Of N.A.
762 Park Avenue
Youngsville, NC

Test Report
30360705

NVLAP:
Curtis-Strauss, LLC
527 Great Road
Littleton, MA

Test Report
NG0586-2

NVLAP:
Advance Compliance Solutions
5015 B.U. Bowman Dr.
Buford, GA

Test Report
08-0442

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:

Document No.	Title	Edition/Date of Issue
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.