



# CERTIFICATE

Certificate Id: 2PAA104591 N-TRON 108TX

Category:	Unmanaged Industrial Ethernet Switch
Product Name:	N-TRON 108TX
Software Version:	-
Hardware Version:	-
Vendor:	Red Lion Controls 3101 International Drive, Building 6 Mobile, Alabama 36606, USA
Certification Test Report:	3BSE057340
Certification reference:	System 800xA Version 3.x, 4.x, 5.x
Restrictions:	-

The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system with a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB  
721 59 Vasteras, Sweden

Date: 2017-04-03

Representative for the official steering body for the Industrial IT Certification

A handwritten signature in blue ink, appearing to read 'Björn Jonsson', written over a horizontal line.

Björn Jonsson

# N-TRON 108TX

## Industrial<sup>IT</sup> Certification



### Unmanaged Switch

- Eight RJ45 auto sensing 10/100Base-TX ports
- Supports Full/Half Duplex operation
- Auto sensing speed and flow control
- Redundant Power-inputs



Certification results and product details are summarized below:

Product Overview	
Fast Ethernet	Eight 10/100 BaseTX ports
Gigabit Ethernet	No
Compact Flash Interface	No
Console	No
System LED Indicator	PWR, two LED indicators per port
Alarm Contact	No
Digital Inputs	No
Input Voltage	Redundant input voltage 10-30 VDC
Operating Temperature	-40°C to 70°C
Connection	Removable 4-pin terminal block
Power Consumption	250mA @ 24V
Casing	Hardened Metal DIN-Rail enclosure
Installation	DIN-Rail

Product Details in tested sample	
Fast Ethernet	Yes
Gigabit Ethernet	No
AFw-file	Yes
Models included in test	108TX

Engineering	
Configuration and installation	Unmanaged

# N-TRON 108TX

Industrial<sup>IT</sup> Certification



## Designed for Industrial Applications

The N-TRON 108TX Industrial Network Switch has auto sensing 10/100BaseTX ports and there will be no need to make extensive wiring changes if upgrades are made to the host computers, plant systems or Ethernet I/O modules.

The N-TRON 108TX switch closely supports the 800xA Extended Automation System Value Propositions as noted below:

### 800xA Value Proposition Mapping

✓	<b>Reducing Risk through High Integrity Automation</b>
	- Adapted for Industrial Ethernet - Mechanical form factor improves lifetime

✓	<b>Investment Enhancement through Evolution</b>
	- Continuation in product development