

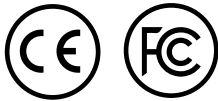
NXNS

NX NETWORK SWITCH

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- NX network accessory that provides for splitting the NX Network into multiple segments
- Plug-and-Play operation
- 8 x 10/100Mbps ports with auto-negotiation of speed and duplex
- Hardened IP50 metal enclosure with DIN-rail mounting
- Extreme operating temperature range of -40° to 167° F (-40° to 75°C)
- Fanless design for silent operation
- Power supply sold separately (model: NXPWRSPLY)



SPECIFICATIONS

CONSTRUCTION

- 8 x 10/100Mbps ports
- 6-Pin removable terminal block
- LED indicators
- IP50 metal case
- Size: 5.6"L x 4.1"W x 1.4"H (142mm x 105mm x 36.2mm)
- Weight: 5.7 oz. (160g)

MOUNTING

- DIN-rail mount
- Wall mount

ELECTRICAL

- Power:
 - Input 12 - 56V DC
 - Compatible power supply: NXPWRSPLY (sold separately)
 - Max. consumption: 3W @ 48V DC
- Removable Terminal Block:
 - Redundant power Inputs, 6-pin
 - Wire range: 0.34mm² to 2.5mm²
 - Solid wire (AWG): 12-24
 - Stranded wire (AWG): 12-24
 - Torque: 5 lb. - In / 0.5 Nm / 0.56 Nm
 - Wire strip length: 7-8mm
 - Alarm relay output: 24V DC, 1A
- Grounding point
- 6kV ESD protection
- 2kV surge protection

INSTALLATION

- No more than 3 switches on an NX network

PERFORMANCE¹

- Data Transfer Rate:
 - Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
 - Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Data RAM Buffer: 56KB
- Switching Fabric: 1.6Gbps
- MAC Address Table: 1K entries
- Forwarding rate: 1.19Mpps (64-byte packet size)
- MTBF: 580,159 hours @ 77°F (25°C)

OPERATING ENVIRONMENT

- Operating Temperature: -40°F to 167°F (-40°C to 75°C)
- Operating Humidity: Max 95% non-condensing

STANDARDS

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

CERTIFICATIONS

- CE
- FCC
- LVD
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-32)
- Vibration (IEC 60068-2-6)
- IEC 61000-4-2
- IEC 61000-4-4
- IEC 61000-4-5

WARRANTY

- 5-year limited warranty
- See website for additional information

¹ All references to speed are for comparison purposes only.

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ORDERING GUIDE

Example: NXNS-TI-E80

CATALOG #

Model

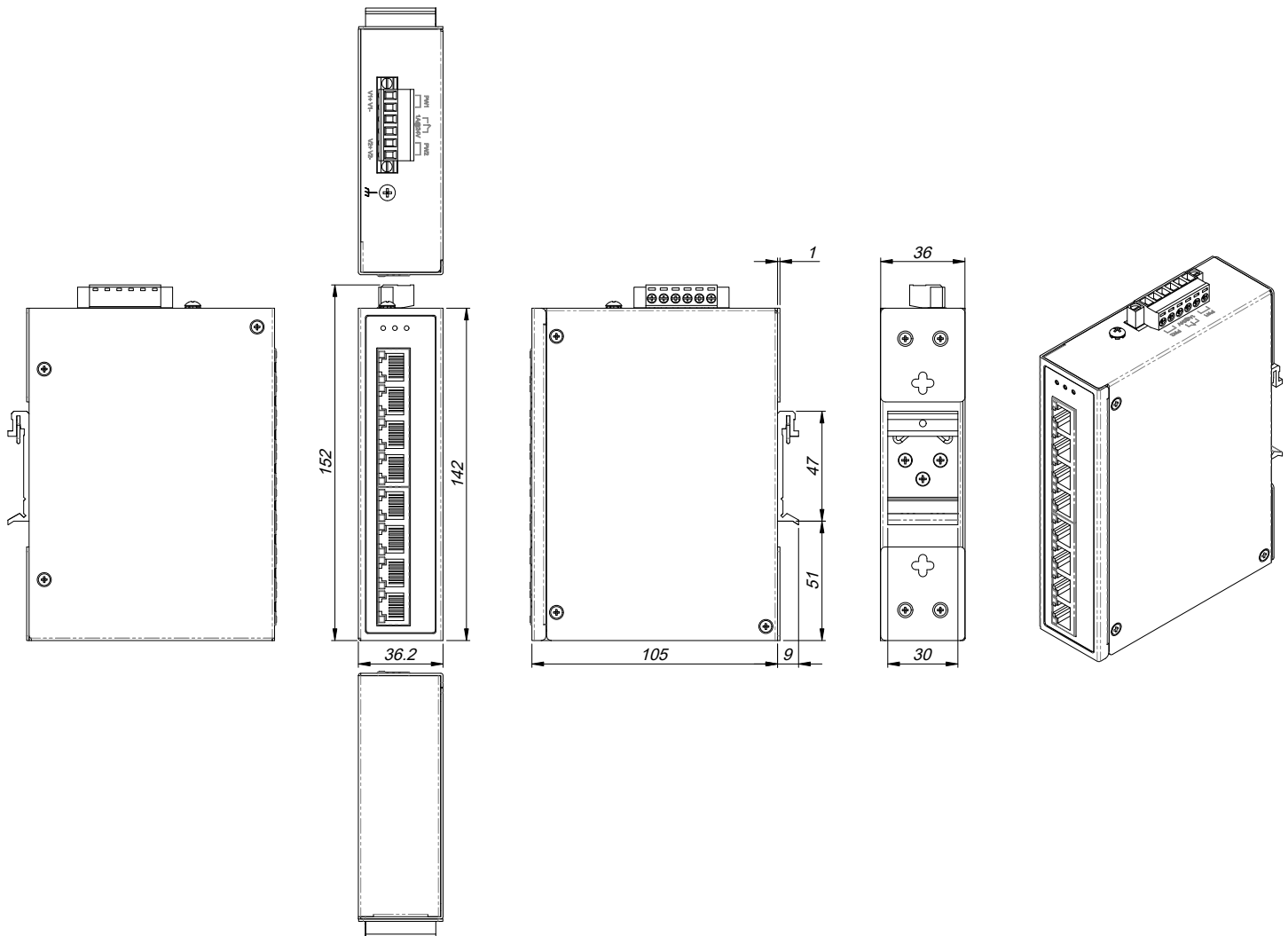
NXNS-TI-E80 NX Network Switch (Unmanaged) with 8 x 10/100Mbps Ports, Compact IP50 Metal Enclosure, DIN-Rail & Wall Mount, 12-56VDC (Power supply not included)

Power Supplies and Accessories

NXPWRSPLY NX DIN Rail DC Power Supply, Input: 100-277V ~ 1.5A 50-60Hz, Output: 24VDC, 30W Max

NXENC-D NX Enclosure (15"x12"x4"), 2 x DIN Rails, Screw Cover

DIMENSIONS



NXNS

NX NETWORK SWITCH

ADDITIONAL INFORMATION

LEDs

LED	Status	Description
PW1	Solid Green	Power is Detected
	Off	Power is Not Detected
PW2	Solid Green	Power is Detected
	Off	Power is Not Detected
RLY	Solid Amber	Connected only PW1 or PW2
	Off	Both PW1 and PW2 are connected and powered
LNK	Solid Green	Connected
	Blinking Green	Data Transmitting / Receiving
	Off	No Connection

WIRING DIAGRAMS

