

Features ▶▶▶

- 4 PoE/PoE+ PSE capable ports, fully compliant to IEEE 802.3af/at
- Up to 30 watts per PoE port at 24 ~ 57 V_{DC} Power Input
- Supports operating temperatures from -40 °C ~ +75 °C
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- Power input 12 ~ 57 V_{DC} wide range redundant power inputs
- Broadcast Storm protection
- Automatic MDI/MDI-X crossover for plug-and-play
- DIN-Rail Mounting, Wall Mounting (optional)

Introduction

The NSM-206PSE is 6-port unmanaged Ethernet switch supporting Power-over-Ethernet on ports 1 to 4. The switch is classified as power source equipment (PSE), and when used in this way, the NSM-206PSE switch enable centralization of the power supply, providing up to 30 watts. The NSM-206PSE can be used to power IEEE 802.3af/at standard devices (PD).

Specifications

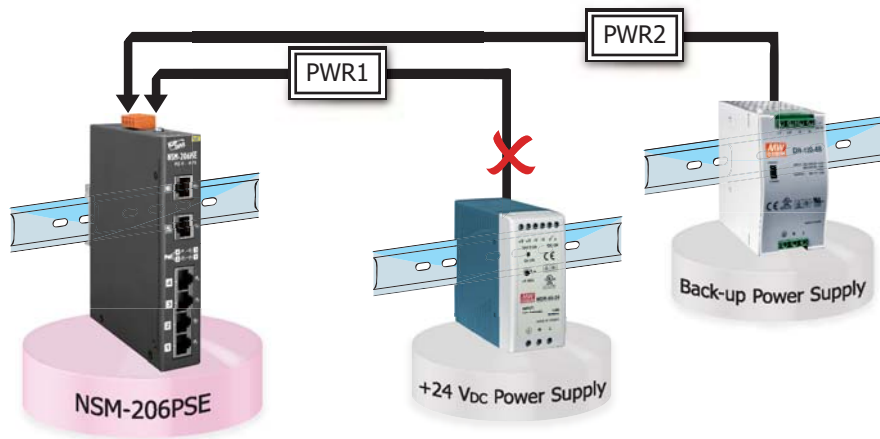
Technology	
Standards	IEEE 802.3 for 10 Base-T IEEE 802.3u for 100 Base-TX IEEE 802.3x for Flow Control, Back Pressure Flow Control IEEE 802.3af Power Over Ethernet IEEE 802.3at Power Over Ethernet Energy Efficient Ethernet (EEE) as per 802.3az; this provides power savings during idle network activity
Processing Type	Store & forward; wire speed switching
MAC Addresses	2048
Frame Buffer Memory	768 Kbit
Interface	
RJ-45 Ports	6 x 10/100 Base-TX
POE Pinout	V+ (pin 1, 2), V-(pin 3, 6) for Port 1 ~ Port 4
LED Indicators	PWR1, PWR2, POE, Link/Act and Speed
Ethernet Isolation	1500 V _{rms} 1 minute

Power Input	
Input Voltage Range	+12 V _{dc} ~ +57 V _{dc} Redundant dual Input
Power Consumption	0.125 A @ 12 V _{dc} without PD loading, 6.2A @ 24 V _{dc} with PD full loading (15.4 W per ports) 0.15 A @ 24 V _{dc} without PD loading, 5.8 A @ 24 V _{dc} with PD full loading (30 W per ports) 0.10 A @ 48 V _{dc} without PD loading, 2.9 A @ 48 V _{dc} with PD full loading (30 W per ports)
Power reverse polarity protection	Yes
Connector	4-Pin Removable Terminal Block
Mechanical	
Casing	Metal
Dimensions (W x L x H)	28 mm x 160 mm x 120 mm
Installation	DIN-Rail, wall mounting (optional)
Environment	
Operating Temperature	-40 °C ~ +75 °C
Storage Temperature	-40 °C ~ +85 °C
Ambient Relative Humidity	10% ~ 90% RH, non-condensing

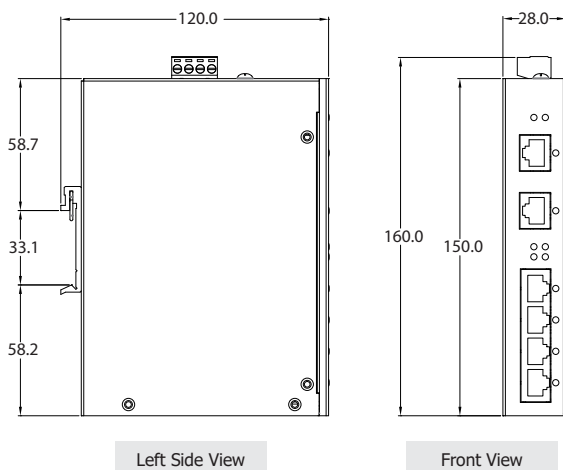
Redundant Power Input

Both power inputs can be connected simultaneously to live DC power sources. If one power source fails, the other live source will act as a backup, and automatically supplies all of NSM-206PSE power needs.

If operating at high loading (total PoE Loading over 60w) suggest used dual input power supply.



Dimensions (Units: mm)



Ordering Information

NSM-206PSE CR	6-port 10/100 Mbps PoE(PSE) Ethernet Switch (RoHS)
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Accessories

SDR-240-24	24 V/10 A, 240 W Single Output Industrial DIN Rail Power Supply with PFC Function
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