

# NSM-206PSE

6-port 10/100 Mbps PoE(PSE) Ethernet

## Features

- 4 PoE/PoE+ PSE capable ports, fully compliant to IEEE 802.3af/at
- Up to 30 watts per PoE port at 24~57 VDC Power Input
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- Broadcast Storm protection
- Automatic MDI/MDI-X crossover for plug-and-play

## 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 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).

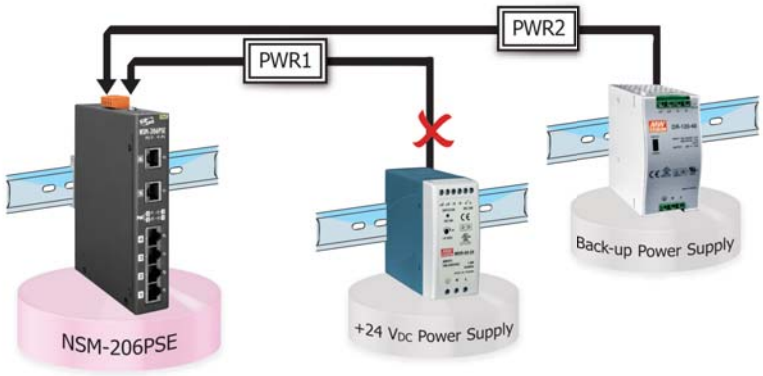
## Specifications

| | |
|---|---|
| **LED Indicators** | |
| Status | PWR1, PWR2, POE, Link/Act, Speed |
| **Ethernet** | |
| Ports | 6 x RJ-45, 10/100Base-TX |
| Standards | IEEE 802.3 for 10 Base-T<br>IEEE 802.3u for 100 Base-TX<br>IEEE 802.3x for Flow Control, Back Pressure Flow Control<br>IEEE 802.3af Power Over Ethernet<br>IEEE 802.3at Power Over Ethernet<br>Energy Efficient Ethernet (EEE) as per 802.3az; this provides power savings during idle network activity |
| Processing Type | Store & forward; wire speed switching |
| MAC Table | 2048 |
| Frame Buffer Memory | 768 Kbit |
| Isolation | 1500 Vrms 1 minute |
| DIP Switch | Broadcast Storm protection |
| **PoE Technology** | |
| PoE Compliance | 100% IEEE 802.3at compliant |
| PoE Power | Up to 30 watts per channel |
| PoE Operation | Automatic detection and power management |
| PoE Pin Assignments | V+ (pin 1, 2), V-(pin 3, 6) |
| PoE Disconnect Mode | DC disconnect |
| PoE Voltage | +52 VDC |
| **Power** | |
| Reverse Polarity Protection | Yes |
| Input Range | 12 ~ 57 VDC Redundant dual Input |
| Redundant Power Inputs | Yes |
| Consumption | 0.125 A @ 12 VDC without PD loading, 6.2A @ 24VDC with PD full loading (15.4W per ports)<br>0.15 A @ 24 VDC without PD loading, 5.8A @ 24VDC with PD full loading (30W per ports)<br>0.10 A @ 48 VDC without PD loading, 2.9A @ 48VDC with PD full loading (30W per ports) |
| **Mechanical** | |
| Casing | Metal |
| Dimensions (mm) | DIN-rail mounting: 28 x 160 x 119 (W x L x H)<br>Wall mounting: 28 x 199 x 112 (W x L x H) |
| Installation | DIN-rail mounting or wall mounting (optional) |
| **Environment** | |
| Operating Temperature | -40 °C ~ +75 °C |
| Storage Temperature | -40 °C ~ +85 °C |
| Humidity | 10% ~ 90% RH, non-condensing |

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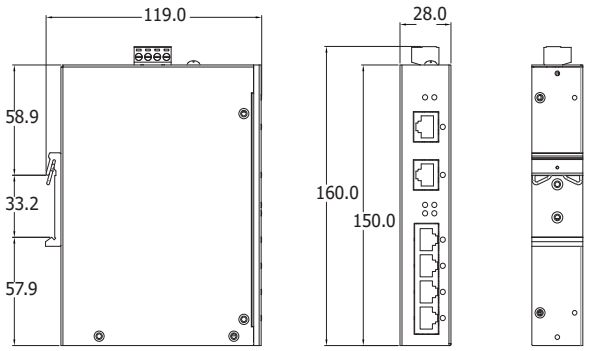
## Redundant Power Input

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.



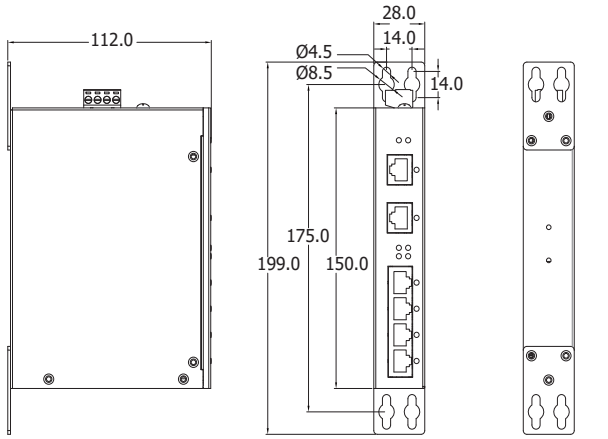

## Dimensions (Units: mm)

DIN-rail mounting




Left Side View | Front View | Rear View

Wall mounting




Left Side View | Front View | Rear View

## Ordering Information

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

## Accessories

| | |
|---|---|
| **ASO-0015 CR** | Wall Mount Kit (W:28mm) (RoHS) |

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