



NSM-206PFT

NSM-206PFC
NSM-206PFCS

Unmanaged 5-port Industrial 10/100/1000 Base-T Ethernet Switch

Features

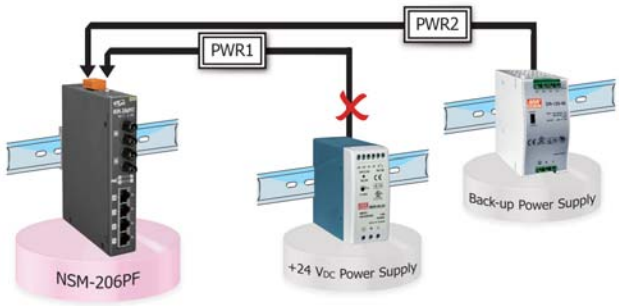
- 4 PoE/PoE+ PSE capable ports, fully compliant to IEEE 802.3af/at
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- Up to 30 watts per PoE port at 24 ~ 57 VDC Power Input
- Broadcast Storm protection
- Automatic MDI/MDI-X crossover for plug-and-play

Introduction

The NSM-206PF series 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-206PF series enable centralization of the power supply, providing up to 30 watts. The NSM-206PF series can be used to power IEEE 802.3af/at standard devices (PD).

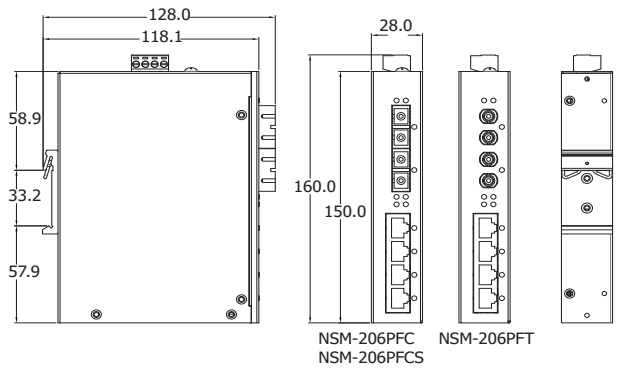
Redundant Power Input

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-206PF Series power needs.
If operating at high loading (total PoE Loading over 60w) suggest used dual input power supply.



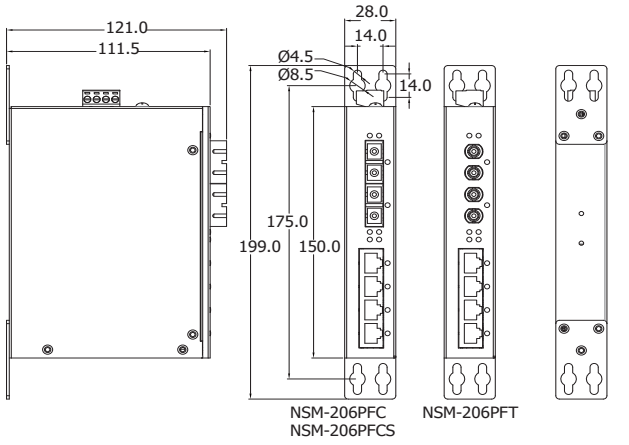
Dimensions (Units: mm)

DIN-rail mounting



Left Side View | Front View | Rear View

Wall mounting



Left Side View | Front View | Rear View

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Specifications

Model	NSM-206PFT	NSM-206PFC	NSM-206PFCS
LED Indicators			
Status	PWR1, PWR2, POE, Link/Act, Speed		
Ethernet			
Ports	4 x RJ-45, 10/100Base-TX		
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 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			
Ports	2 Port 100 Base-FX ST connector	2 Port 100 Base-FX SC connector	
Mode	Multi-Mode		Single-Mode
Fiber Cable	50/125, 62.5/125 or 100/140 µm		8.3/125, 8.7/125, 9/125 or 10/125 µm
Distance	2 km, (62.5/125 µm recommended) for full duplex		30 km, (9/125 µm recommended) for full duplex
Wavelength	1300 or 1310nm		
TX Output	-20 dBm Min. -14 dBm Max.		-15 dBm Min. -8 dBm Max.
RX Sensitivity	-32 dBm Max.		-34 dBm Max.
RX Overload	-8 dBm		-5 dBm
Budget	12 dBm		19 dBm
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) 0.15 A @ 24 VDC without PD loading, 5.8A @ 24VDC with PD full loading (30W per ports) 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 128 (W x L x H) Wall mounting: 28 x 199 x 121 (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		

Ordering Information

NSM-206PFT CR	Multi-mode, ST Connector, 4-port 10/100 Mbps PoE(PSE) with 2 Fiber ports Switch (RoHS)
NSM-206PFC CR	Multi-mode, SC Connector, 4-port 10/100 Mbps PoE(PSE) with 2 Fiber ports Switch (RoHS)
NSM-206PFCS CR	Single-mode, SC Connector, 4-port 10/100 Mbps PoE(PSE) with 2 Fiber ports Switch (RoHS)

Accessories

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

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