

NSM-205G-1SFP

4+1G Combo Port Gigabit Unmanaged Industrial Ethernet Switch

Features

- 1 Gigabit uplinks for high bandwidth data aggregation SFP socket for Easy and Flexible Fiber Expansion
- Supports Auto Negotiation and Auto MDI/MDI-X
- Supports Dual +12 ~ 48 VDC power input and 1 relay output
- Power loss alarm

Introduction

The NSM-205G-1SFP is 4 Port 10/100/1000 Base copper and 1 Gigabit fiber optic/copper combo port Ethernet Switch, Supports Auto Negotiation, Auto MDI/MDI-X, high-speed(1Gbps) and high-distance transmissions. Apart from this, NSM-205G-1SFP supports dual power and provides +12 VDC ~ +48 VDC power range to fit all the common power standards found in industrial automation, without external power converters.

Specifications

LED Indicators	
Status	PWR1, PWR2, Power fail, 10/100M, 1000M, Link/Act
Ethernet	
Ports	4 x RJ-45, 10/100/1000BaseT(X), 1 x RJ45/SFP Slot Combo, 100/1000Base-T(X)
Standards	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-TX, IEEE 802.3ab for 1000Base-T, IEEE 802.3x for Flow Control
Processing Type	Store & forward, wire speed switching
MAC Table	8 K
Memory Bandwidth	10 Gbps
Frame Buffer Memory	1 Mbit
Flow Control	IEEE802.3x flow control, back pressure flow control
Isolation	1500 Vrms 1 minute
DIP Switch	100 BaseSFP/1000 BaseSFP setting
Fiber	
Ports	1 x 100/1000 Mbps SFP Fiber Module slots
Power	
Reverse Polarity Protection	Yes
Input Range	+12 ~ +48 VDC (Non-isolated)
Redundant Power Inputs	Yes
Consumption	0.15 A @ 24 VDC
Alarm Output	Yes,Relay 1 A @ 30 VDC
Mechanical	
Casing	Metal
Dimensions (mm)	DIN-rail mounting: 33 x 131 x 100 (W x L x H) Wall mounting: 33 x 170 x 93 (W x L x H)
Installation	DIN-rail mounting or wall mounting (optional)
Ingress Protection Rating	IP30
Environment	
Operating Temperature	-40 °C ~ +75 °C
Storage Temperature	-40 °C ~ +85 °C
Humidity	10% ~ 90% RH, non-condensing

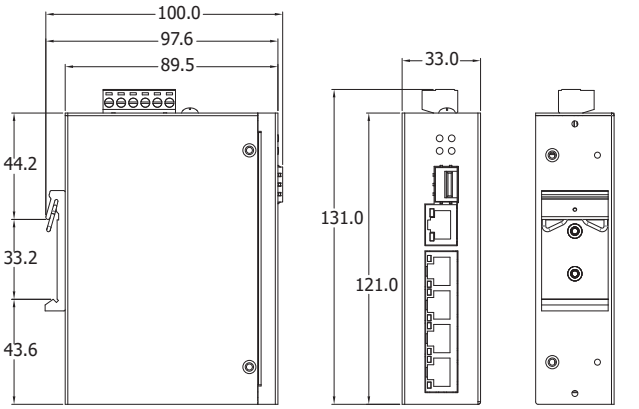
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Applications



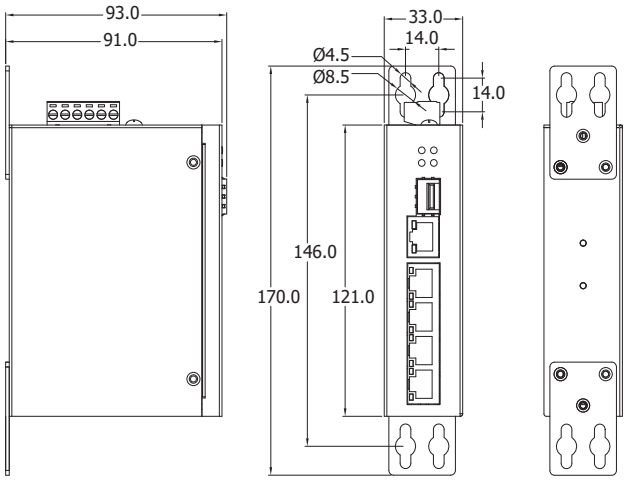
Dimensions (Units: mm)

DIN-rail mounting



Left Side View | Front View | Rear View

Wall mounting



Left Side View | Front View | Rear View

Ordering Information

NSM-205G-1SFP CR	4+1G Combo Port Gigabit Unmanaged Industrial Ethernet Switch (RoHS)

Accessories

ASO-0015 CR	Wall Mount Kit (W:28mm) (RoHS)	
SFP-100M13M-FX CR	100Base-FX, Multi-mode 1310 nm, 2 km SFP module (RoHS)	
SFP-1G85M-SX CR	1000Base-SX, Multi-mode 850 nm, 0.5 km SFP module (RoHS)	
SFP-1G13M-SX2 CR	1000Base-SX2, Multi-mode 1310 nm, 2 km SFP module (RoHS)	
SFP-1G13S-LX CR	1000Base-LX, Single-mode 1310 nm, 10 km SFP module (RoHS)	
SFP-1G13S-LX20 CR	1000Base-LX20, Single-mode 1310 nm, 20 km SFP module (RoHS)	

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