



Features ▶▶▶▶

- Up to 2 Gigabit uplinks for high bandwidth data aggregation
- Supports Auto Negotiation and Auto MDI/MDI-X
- Supports Dual +12 ~ 48 V_{DC} power input and 1 relay output
- Supports operating temperatures from -25 ~ +75°C

Introduction

The NSM-210C is 8 Port 10/100 Base copper and 2 Gigabit fiber optic/copper combo port Ethernet Switch, Supports Auto Negotiation, Auto MDI/MDI-X, high-speed(100 Mbps) and high-distance transmissions . Apart from this, NSM-210C supports dual power and provides a wide +12 V_{DC} ~ +48 V_{DC} power range to fit all the common power standards found in industrial automation, without external power converters.

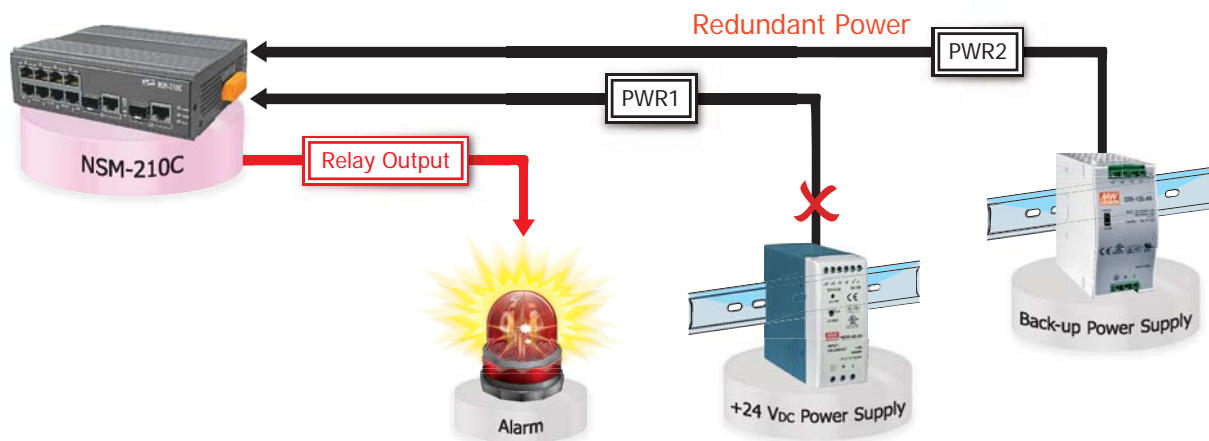
Specifications

| Technology | |
|---------------------------|--|
| 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 |
| MAC Addresses | 8K |
| Frame buffer memory | 1 Mbit |
| Flow Control | IEEE802.3x flow control, back pressure flow control |
| Interface | |
| RJ-45 Ports | 8 x 10/100BaseT(X) , 2x 10/100/1000 BaseT(X) (Combo SFP) Auto negotiation speed, full/half duplex mode, and auto MDI/MDI-X connection |
| Fiber Ports | 2 x 1000Base SFP slot |
| LED Indicators | PWR1, PWR2, FAULT, SFP & Gigabit Act, 8-Port 10/100 Link and Act |
| Power Input | |
| Redundant Input Range | +12 V _{DC} ~ +48 V _{DC} (Non-isolated) |
| Power Consumption | 0.15A @ 24V _{DC} idle without loading; 0.25A @ 24V _{DC} with full loading |
| Alarm Contact | One relay output with current carrying capacity of 1A @ 30 V _{DC} |
| Mechanical | |
| Chassis | Metal |
| Dimensions (W x L x H) | 51 mm x 154 mm x 118 mm |
| Installation | DIN-Rail or Wall Mounting (with optional kit) |
| Environmental | |
| Operating Temperature | -25 °C ~ +75 °C |
| Storage Temperature | -40 °C ~ +85 °C |
| Ambient Relative Humidity | 10% ~ 90% RH, non-condensing |

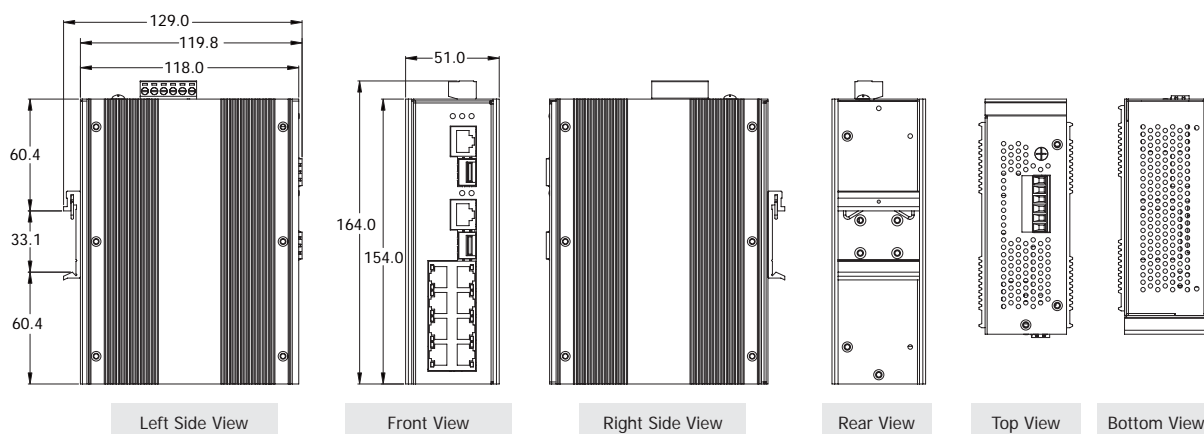
Redundant Power Input

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-210C series power needs.



Dimensions (Units: mm)



Ordering Information

| | |
|-------------|---|
| NSM-210C CR | 8+2G Combo Port Gigabit Unmanaged Industrial Ethernet Switch (RoHS) |
|-------------|---|

Accessories

| | |
|------------|---|
| DR-120-48 | 48 V/2.5 A, 120 W Single Output Industrial DIN Rail Power Supply |
| MDR-60-48 | 48 V/1.25 A, 60 W Single Output Industrial DIN Rail Power Supply |
| DR-120-24 | 24V/5 A, 120 W Single Output Industrial DIN Rail Power Supply |
| SDR-240-24 | 24 V/10 A, 240 W Single Output Industrial DIN Rail Power Supply with PFC Function |