NS-205AG

Unmanaged 5-Port Industrial 10/100/1000 Mbps Ethernet Switch



Introduction

The NS-205AG is 5-port unmanaged gigabit switches that support 10/100/1000 Base-T, with a 10/100/1000M auto negotiation feature and auto MDI/MDI-X function. It can connect 5 workstations and automatically switches the transmission speed (10 Mbps or 100 Mbps or 1000 Mbps) for corresponding connections.

That is an ideal solution for bandwidth-hungry applications (such as high resolution digital image transmission, video/audio file streaming/downloading, and server farm connectivity).

The flow control mechanism is also negotiated. There is link/data rate LEDs for each port to aid troubleshooting.

Specifications

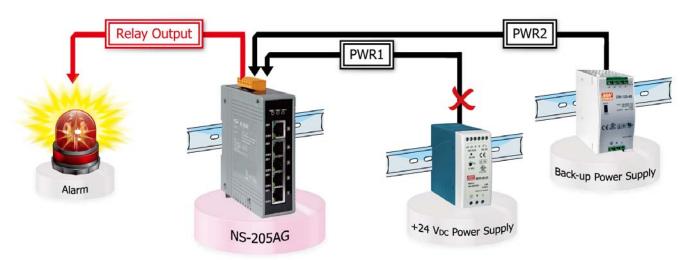
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Technology			
Standards	IEEE 802.3, 802.3u, 802.3ab and 802.3x		
Processing Type	Store & forward, wire speed switching		
MAC Addresses	8K		
Memory Bandwidth	10 Gbps		
Frame buffer memory	1 Mbit		
Jumbo Frames	9K for Speed 1000M		
Flow Control	IEEE802.3x flow control, back pressure flow control		
Interface			
RJ45 ports	10/100/1000 Base-T auto negotiation speed, F/H duplex mode, and auto MDI/MDIX connection		
LED Indicators	PWR1, PWR2, Power fail, 10/100/1000M, Link/Act		
Ethernet Isolation	1500 Vrms 1 minute		
EMS Protection	Yes		
Power			
Redundant Input Range;	+12 ~ +48VDC Alarm Contact: One relay output with current carrying capacity of 1A @ 30 VDC		
Power consumption	0.2A@24VDC		
Protection	Power reverse polarity protection		
EMS Protection	Yes		
Connector	6-Pin Removable Terminal Block		
Mechanical			
Casing	Plastic		
Flammability	UL 94V-0		
Dimensions (W x L x H)	33 mm x 90 mm x 127 mm		
Installation	DIN-Rail Mounting		
Environmental			
Operating Temperature	-40 ~ +75°C		
Storage Temperature	-40 ~ +85°C		
Ambient Relative Humidity	10% ~ 90% RH, non-condensing		

LED Indicator Functions:

LED	Color	Description	
Ethernet Port (P1 ~ P5)	Green On	Link to 1000 Mbps	
	Yellow Off		
	Yellow On	Link to 10/100 Mbps	
	Green Off		
PWR1	Green On	Power is being supplied to power input PWR1	
	Green Off	Power is not being supplied to power input PWR1	
PWR2	Yellow On	Power is being supplied to power input PWR2	
	Yellow Off	Power is not being supplied to power input PWR2	
Power fail	Red On	Power is not being supplied to power input PWR1 and PWR2	
	Red Off	Power is being supplied to power input PWR1 and PWR2	

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 NS-205AG power needs.



Dimensions:

