

NS-200AFT-T/AFC-T/AFCS-T/ AFCS-60T

Industrial 10/100 Base-T(X) to 100 Base-FX Media Converter Quick Start Guide



Introduction:

The NS-200AF series is a Ethernet (10/100 Base-TX) to Media (100 Base-FX) converter. The Ethernet supports 10/100M auto negotiation feature and auto MDI/MDI-X function.

NS-200A can work normally from -30 ~ 75°C and accepts a wide voltage range from +12 ~ 48 VDC.

Features:

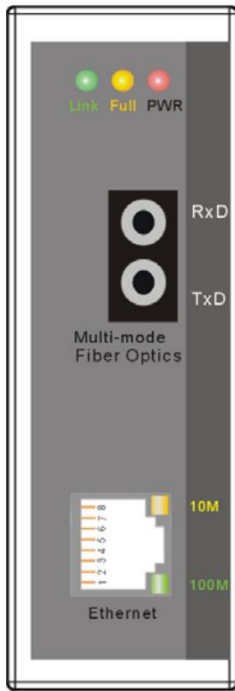
- Automatic MDI/MDI-X crossover for plug-and-play
- Supports both 10/100 Mbps speed auto negotiation
- Store-and-forward
- Full duplex IEEE 802.3x
- Supports +12 ~ +48 VDC voltage
- Supports operating temperatures range -30 ~ 75°C
- DIN-Rail

LED functions:

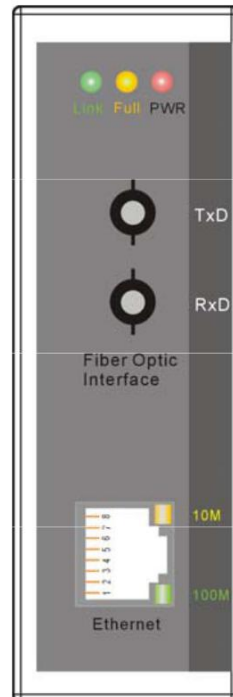
Standard RJ45 female connectors are provided. A standard RJ45 plug cable is necessary to connect your device to the unit since switch that supports auto crossover. Figure1 shows the LED indicator functions. The module includes an internal.

Figure1:

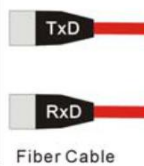
**NS-200AFC-T/AFCS-T/
AFCS-60T**



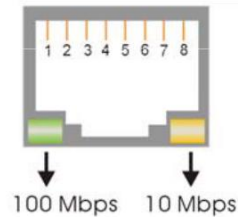
NS-200AFT-T



TxD(NS-200FT):Receive function, please connect to TxD cable.
RxD(NS-200FT):Transmit function, please connect to RxD cable.



Function	LED Color	Description
Power	Red	Power is On
	Off	Power is Off
Fiber Optic	Yellow_On	Full Duplex Mode
	Yellow_Off	Half Duplex Mode
	Green_On	Link/Act
	Green_Off	Not Networking
Ethernet	Yellow	Link to 10 Mbps
	Green	Link to 100 Mbps
	Off	Not Networking



Pin Function for Terminal Block:

External power supply is connected using the removable terminal block:

+Vs : Power input (+12 ~ +48 VDC) and should be connected to the power supply (+)

GND : Ground and should be connected to the power supply (-)

F.G. : F.G. stands for Frame Ground (protective ground). It is optional. If you use this pin, it can reduce EMI radiation; improve EMI performance and ESD protection.