

# Model ATC-2000

## **Product Features**

- > RS-232/422/485 3 in 1 interface
- Support 10/100Mbps Ethernet port
- Supports 4-wire and 2-wire RS-485 work mode
- Automatic data direction control on RS-485
- Supports 24VDC industrial power supply
- > Terminal block easily for RS-422/485 installation
- > Configure via webpage and windows utility
- Supports virtual serial port,TCP Server/Client and UDP work mode
- > CPU: 16 bit CPU, 100MHz
- Memory: 256KB ROM, 768KB SDRAM
- Built-in watchdog, system never halt.
- > Username and Password for Webpage management
- Built-in HTTP server for easy remote installation and management via Web Browser.
- Support Backup and Restore Configuration
- > CE, RoHS and FCC Certifications

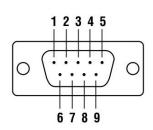


## **Product Description**

The ATC-2000 is a RS232/485/422 to TCP/IP converter integrated with a robust system and network management features designed for industrial equipment to be accessed and controlled via Intranet or Internet. By integrating RTOS (Real Time Operating System) and complete TCP/IP protocol stack capability, ATC's ATC-2000 provides not only a robust and high performance system to make your device connecting to Network, but also ease installation and Internet access. The ATC-2000 Web Configuration is a breeze to operate and totally independent of the operating system platform you use.

#### **Pin Assignment**

RS-232 DB-9(Male)



| PIN     | RS-232    |
|---------|-----------|
| 1/4/6/9 | -         |
| 2       | RXD(in)   |
| 3       | TXD (out) |
| 5       | GND       |
| 7       | CTS (out) |
| 8       | RTS(in)   |

## **Order Information**

| ATC-2000  | One port RS-232/485/422 Serial Server | RS-232/422/485     |
|-----------|---------------------------------------|--------------------|
| ATC-2000M | 5V TTL Serial Server Embedded Module  | 5V TTL serial port |

#### RS-485/422 6-pin Terminal block

| 1        | 2        | 3  | 4  | 5             | 6   |
|----------|----------|----|----|---------------|-----|
| 485+(T+) | 485-(T-) | R+ | R- | VCC (9~32VDC) | GND |

## **Package Checklist**

- Documentation and software CD 1PCS
- Power adapter 9V 1 PCS
- DIN Rail Mounting Kit(DK-32) (Optional)

# **Specifications**

| Interface Type     RS-232/485/422 3 in 1 (optional)       Data Rate     1,200bps to 230,400 bps       Data Length     5,6,7,8 bits       Data Length     5,6,7,8 bits       Parity     Odd,Even, None, Space, Mark       Stop Bits     1,2 bits       Flow Control     None, Software: Xon/Xoff, Hardware: RTS/CTS       Connector     RS-232     B-9 male       Connector     6-pin Terminal block       Sterial Line Protection     6000W for RS-232, 1000W for RS-485/422       Network Interface     5000W for RS-232, 1000W for RS-485/422       Network Interface Type     Ethernet 10/100Mbps (Auto-Sensing), Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation     Built-in 1.5KV       Potection     Built-in 1.5KV       Software     Windows95/98/ME/NT/2000/XP/2003/WINT/WIN8/WIN10       Configure Options     Windows95/98/ME/NT/2000/XP/2003/WINT/WIN8/WIN10       Osupport     LINK     10/100Base-TX Link & Activity Indicator       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       Physical Characteristure     Iron (1mm)     Iron (1mm)       Weight     0.45   | Serial Interface       |   |   |  |  |
|---|------------------------|---|---|--|--|
| Data Length     5.6,7,8 bits       Parity     Odd, Even, None, Space, Mark       Stop Bits     1,2 bits       Flow Control     None, Software: Xon/Xoff, Hardware: RTS/CTS       Connector     RS-232       RS-485/422     6-pin Terminal block       Serial Line Protection     600W for RS-232, 1000W for RS-485/422       Network Interface     600W for RS-232, 1000W for RS-485/422       Network Interface     8-pin RJ-45       Magnetic Isolation     Built-in 1.5KV       Protection     Built-in 1.5KV       Software     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configue Options     Web Page, Windows Utility       OS support     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       LED Indicators     ACT       ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Physical Characteristics     Into 1010/2084 × 2.64 × 1.02 in)       Installation     DIN-Rail Mounting       Housing     Iron (1mm)       Weight     0.45Kg       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       The  | Interface Type         | RS-232/485/422 3 in 1 (optional)                |   |  |  |
| Parity     Odd, Even, None, Space, Mark       Stop Bits     1.2 bits       Flow Control     None, Software: Xon/Xoff, Hardware: RTS/CTS       Connector     RS-232     DB-9 male       RS-485/422     6-pin Terminal block       Serial Line Protection     600W for RS-232,1000W for RS-485/422       Network Interface     600W for RS-232,1000W for RS-485/422       Network Interface     600W for RS-232,1000W for RS-485/422       Network Interface     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     Built-in 1.5KV       Software     ICMP.IP.TCP.UDP.DHCP.BOOTP.Telnet,DNS,HTTP.ARP.PPPoE,SMTP       Configure Options     Windows95/98/ME/NT/2000/XPI/2003/WIN7/WIN8/WIN10       Stopport     Windows95/98/ME/NT/2000/XPI/2003/WIN7/WIN8/WIN10       LED Indicators     ACT       ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     DIN-Rail Mounting       Installation     DIN-Rail Mounting       Housing     Ion (1mm)       Without ears     100 × 67 × 26 mm(3.94  | Data Rate              |   | 1,200bps to 230,400 bps                                   |  |  |
| Stop Bits   1,2 bits     Flow Control   None, Software: Xon/Xoff, Hardware: RTS/CTS     Connector   RS-232   DB-9 male     Serial Line Protection   600W for RS-232,1000W for RS-485/422     Network Interface   600W for RS-232,1000W for RS-485/422     Interface Type   Ethernet 10/100Mbps (Auto-Sensing), Hall/Full Duplex     Connector   8-pin RJ-45     Magnetic Isolation<br>Protection   Built-in 1.5KV     Software   0     Network Protocols   ICMP,IP,TCP,UDP,DHCP,BOOTP,Teinet,DNS,HTTP,ARP,PPPOE,SMTP     Configure Options   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     OS support   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     LED Indicators   ACT   Date Transmitting between Serial and Ethernet     PWR   Power indicator     Physical Characteristics   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     Installation   DIN-Rail Mounting     Housing   100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits   -20 - 70°C (4 ~ 158°F)     Operating Temperature   -20 - 70°C (4 ~ 158°F)     Ambient Relative Humidity   5% to 95% (non-condensing)     Standards and Certifications   5% to 95% (non-condensing   | Data Length            |   |   |  |  |
| Flow Control     None, Software: Xon/Xoff, Hardware: RTS/CTS       Connector     RS-232     DB-9 male       RS-485/422     G-pin Terminal block       Serial Line Protection     600W for RS-232,1000W for RS-485/422       Network Interface     600W for RS-232,1000W for RS-485/422       Interface Type     Ethernet 10/100Mbps (Auto-Sensing) ,Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     Built-in 1.5KV       Network Protocols     ICMP,IP,TCP,UDP,DHCP,BOOTP,Teinet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Windows95/98/ME/NT/2000/XP/2003/NIN7/WIN8/WIN10       OS support     Windows95/98/ME/NT/2000/XP/2003/NIN7/WIN8/WIN10       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     Installation       Installation     DIN-Rail Mounting       Installation     DIN-Rail Mounting       Meinersions     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       Without ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Dimensions  | Parity                 | Odd, Even, None, Space, Mark                    |   |  |  |
| Connector     RS-232<br>RS-485/422     DB-9 male       Serial Line Protection     600W for RS-232,1000W for RS-485/422       Network Interface     Ethernet 10/100Mbps (Auto-Sensing) ;Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     ICMP.IP.TCP.UDP.DHCP.BOOTP.Telnet.DNS.HTTP.ARP.PPPOE,SMTP       Configure Options     Windows95/98/ME/NT/2000/XP/2003/WINVIN       OS support     Windows95/98/ME/NT/2000/XP/2003/WINVIN       LED Indicators     ACT       Date Transmitting between Serial and Ethernet       PWR     Power indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     Installation       DIN-Rail Mounting     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       Without ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Dimensions     With ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70°C (4 ~ 158°F)     Storage Temperature       Operating Temperature     -20 ~ 70°C (4 ~ 158°F)     Ambient Relative Humidity     5% to 95% (non-condensing)  | Stop Bits              | 1,2 bits  |   |  |  |
| Connector     RS-485/422     6-pin Terminal block       Serial Line Protection     600W for RS-232,1000W for RS-485/422       Network Interface<br>Interface Type     Ethernet 10/100Mbps (Auto-Sensing) ,Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     Built-in 1.5KV       Network Protocols     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       OS support     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator     Power Supply       Physical Characteristics     Installation     DIN-Rail Mounting       Housing     Iron (1mm)     Weight     0.45Kg       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70°C (4 ~ 158°F)     Storage Temperature       Operating Temperature     -20 ~ 70°C (4 ~ 158°F)     Aubient Relative Humidity       Storage Temperature </td <td>Flow Control</td> <td colspan="3">None, Software: Xon/Xoff, Hardware: RTS/CTS</td> | Flow Control           | None, Software: Xon/Xoff, Hardware: RTS/CTS     |   |  |  |
| RS-485/422     6-pin Terminal block       Serial Line Protection     600W for RS-232,1000W for RS-485/422       Network Interface<br>Interface Type     Ethernet 10/100Mbps (Auto-Sensing), Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     ICMP,IP,TCP,UDP,DHCP,BOOTP,Tolnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Windows95/98/ME/NT/2000/XP/2003/NIN7/WIN8/WIN10       OS support     Windows95/98/ME/NT/2000/XP/2003/NIN7/WIN8/WIN10       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator     Power indicator       Physical Characteristics     Installation     DIN-Rail Mounting       Housing     Iron (1mm)     Vithout ears       Mith ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       Without ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70°C (4 ~ 158°F)       Operating Temperature     -20 ~ 70°C (4 ~ 158°F)       Storage Temperature     -20 ~ 70°C (4 ~ 158°F)       Ambient Relative Humidity     5% to 95% (non-conden  | Connector              | RS-232  | DB-9 male   |  |  |
| Network Interface       Interface Type     Ethernet 10/100Mbps (Auto-Sensing), Hatt//Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Veb Page,Windows Utility       OS support     Windows95/98/ME/INT/2000/XPI/2003/WIN7/WIN8/WIN10       LED Indicators     ACT       ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Physical Characteristics     Installation       Installation     DIN-Rail Mounting       Housing     Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       With ears     100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70 °C (-4 ~ 158 °F)       Operating Temperature     -20 ~ 70 °C (-4 ~ 158 °F)       Storage Temperature     -40 ~ 85 °C (-40 ~ 185 °F)       Ambient Relative Humidity     5% to 95% (non-condensing)   | Connector              | RS-485/422                                      | 6-pin Terminal block                                      |  |  |
| Interface Type     Ethernet 10/100Mbps (Auto-Sensing) ,Half/Full Duplex       Connector     8-pin RJ-45       Magnetic Isolation<br>Protection     Built-in 1.5KV       Software     Built-in 1.5KV       Network Protocols     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Web Page,Windows Utility       OS support     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       Power Supply     8-24 VDC@0500MA       Physical Characteristics     DIN-Rail Mounting       Installation     DIN-Rail Mounting       Housing     Iron (1mm)       Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       Dimensions     Without ears     100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70 °C (-4 ~ 158 °F)     Storage Temperature       Operating Temperature     -20 ~ 70 °C (-4 ~ 158 °F)     Anbient Relative Humidity       Storage Temperature     -40 ~ 85 °C (-40 ~ 185 °F)     Anbient Relative Humidity   | Serial Line Protection |   |   |  |  |
| Connector   8-pin RJ-45     Magnetic Isolation<br>Protection   Built-in 1.5KV     Software   ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP     Configure Options   Web Page,Windows Utility     OS support   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     LED Indicators   ACT     Date Transmitting between Serial and Ethernet     PWR   Power indicator     Power Supply   8-24 VDC@500mA     Physical Characteristics   Installation     Installation   DIN-Rail Mounting     Housing   Iron (1mm)     Weight   0.45Kg     Dimensions   Without ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     With ears   100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits   -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature   -20 ~ 70°C (-4 ~ 158°F)     Ambient Relative Humidity   5% to 95% (non-condensing)     Standards and Certifications   Standards and Certifications   | Network Interface      |   |   |  |  |
| Magnetic Isolation<br>Protection   Built-in 1.5KV     Software   Built-in 1.5KV     Network Protocols   ICMP.IP.TCP.UDP.DHCP.BOOTP.Telnet.DNS,HTTP,ARP.PPPOE,SMTP     Configure Options   Web Page,Windows Utility     OS support   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     LED Indicators   ACT   Date Transmitting between Serial and Ethernet     PWR   Power indicator     Power Supply   B-24 VDC@500mA     Physical Characteristics   Installation   DIN-Rail Mounting     Housing   Iron (1mm)     Weight   0.45Kg     Dimensions   With ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     Environmental Limits   Operating Temperature   -20 ~ 70°C (4 ~ 158°F)     Storage Temperature   -20 ~ 70°C (4 ~ 158°F)     Storage Temperature   -20 ~ 70°C (4 ~ 158°F)     Ambient Relative Humidity   5% to 95% (non-condensing)   | Interface Type         |   | Ethernet 10/100Mbps (Auto-Sensing) ,Half/Full Duplex      |  |  |
| Built-in 1.5KV       Built-in 1.5KV       Software       Network Protocols     ICMP,IP,TCP,UDP,DHCP,BOOTP,TeInet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Web Page,Windows Utility       OS support     Windows95/98/ME/NT/2003/WIN7/WIN8/WIN10       LED Indicators     LINK     10/1008ase-TX Link & Activity Indicator       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     DIN-Rail Mounting       Installation     OIN-Rail Mounting       Housing     Iron (1mm)       Weight     - 0.45Kg       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       Wite ars     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     - 20 ~ 70°C (4 ~ 158°F)       Storage Temperature     - 20 ~ 70°C (4 ~ 158°F)       Storage Temperature     - 20 ~ 70°C (4 ~ 158°F)       Storage Temperature  | Connector              | 8-pin RJ-45                                     |   |  |  |
| Protection     Software     Network Protocols   ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP     Configure Options   Web Page,Windows Utility     OS support   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     LED Indicators   ACT   Date Transmitting between Serial and Ethernet     PWR   Power indicator     Power Supply   8-24 VDC@500mA     Physical Characteristics   Iron (1mm)     Installation   DIN-Rail Mounting     Housing   Utility without ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     Dimensions   Without ears   100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits     Operating Temperature   -20 ~ 70°C (4 ~ 158°F)     Storage Temperature   -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity   5% to 95%(non-condensing)     Standards and Certifications   Standards and Certifications   | Magnetic Isolation     |   | Duilt in 1 EKV  |  |  |
| Network Protocols     ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP       Configure Options     Web Page,Windows Utility       OS support     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       LED Indicators     ACT       DWR     Power Indicator       PWR     Power Indicator       PWR     Power Indicator       PWR     Power Indicator       PWR     Power Indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     Installation       Installation     DIN-Rail Mounting       Housing     Iron (1mm)       Weight     0.45Kg       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       With ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     -20 ~ 70°C (-4 ~ 158°F)       Storage Temperature     -20 ~ 70°C (-4 ~ 158°F)       Ambient Relative Humidtty     5% to 95% (non-condensing)       Standards and Certifications     5% to 95% (non-condensing)  | Protection             |   |   |  |  |
| Configure Options     Web Page,Windows Utility       OS support     Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10       LED Indicators     ACT     Date Transmitting between Serial and Ethernet       PWR     Power indicator       Power Supply     8-24 VDC@500mA       Physical Characteristics     Installation     DIN-Rail Mounting       Installation     DIN-Rail Mounting     0.45Kg       Meight     0.45Kg     0.45Kg       Dimensions     Without ears     100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)       With ears     100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)       Environmental Limits     Operating Temperature     -20 ~ 70°C (-4 ~ 158°F)       Storage Temperature     -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity       Storage Temperature     -5% to 95%(non-condensing)     Standards and Certifications   | Software               |   |   |  |  |
| OS support   Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10     LED Indicators   LINK   10/100Base-TX Link & Activity Indicator     ACT   Date Transmitting between Serial and Ethernet     PWR   Power indicator     Power Supply   8-24 VDC@500mA     Physical Characteristics   Installation     Installation   DIN-Rail Mounting     Housing   Iron (1mm)     Weight   0.45Kg     Dimensions   Without ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     With ears   100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits   -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature   -20 ~ 70°C (-40 ~ 185°F)     Ambient Relative Humidity   5% to 95%(non-condensing)     Standards and Certifications   5% to 95%(non-condensing)   | Network Protocols      |   | ICMP,IP,TCP,UDP,DHCP,BOOTP,Telnet,DNS,HTTP,ARP,PPPoE,SMTP |  |  |
| LINK10/100Base-TX Link & Activity IndicatorLED IndicatorsACTDate Transmitting between Serial and EthernetPWRPower indicatorPower Supply8-24 VDC@500mAPhysical CharacteristicsInstallationDIN-Rail MountingInstallationOIN-Rail MountingHousingIron (1mm)Weight0.45KgDimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications  | Configure Options      | Web Page,Windows Utility                        |   |  |  |
| LED IndicatorsACTDate Transmitting between Serial and EthernetPWRPower indicatorPower Supply8-24 VDC@500mAPhysical CharacteristicsInstallationDIN-Rail MountingHousingIron (1mm)Weight0.45KgDimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95% (non-condensing)Standards and Certifications   | OS support             | Windows95/98/ME/NT/2000/XP/2003/WIN7/WIN8/WIN10 |   |  |  |
| Power SupplyPower indicatorPower Supply8-24 VDC@500mAPhysical CharacteristicsInstallationDIN-Rail MountingHousingIron (1mm)Weight0.45KgDimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-20 ~ 70°C (-4 ~ 158°F)Ambient Relative Humidity5% to 95% (non-condensing)Standards and Certifications   |                        | LINK  | 10/100Base-TX Link & Activity Indicator                   |  |  |
| Power Supply   8-24 VDC@500mA     Physical Characteristics     Installation   DIN-Rail Mounting     Housing   Iron (1mm)     Weight   0.45Kg     Dimensions   Without ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     With ears   100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits   -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature   -20 ~ 70°C (-4 ~ 158°F)     Ambient Relative Humidity   5% to 95%(non-condensing)     Standards and Certifications  | LED Indicators         | ACT   | Date Transmitting between Serial and Ethernet             |  |  |
| Physical Characteristics     Installation   DIN-Rail Mounting     Housing   Iron (1mm)     Weight   0.45Kg     Dimensions   Without ears   100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)     Dimensions   Without ears   100 × 67 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits     Operating Temperature   -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature   -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity   5% to 95%(non-condensing)     Standards and Certifications   Standards and Certifications  |                        | PWR   | Power indicator   |  |  |
| InstallationDIN-Rail MountingHousingIron (1mm)Weight0.45KgDimensionsWithout earsWith ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications   | Power Supply           | 8-24 VDC@500mA                                  |   |  |  |
| HousingIron (1mm)Weight0.45KgDimensionsWithout earsWith ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications  | Physical Characteris   | stics   |   |  |  |
| Weight0.45KgDimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications  | Installation           | DIN-Rail Mounting                               |   |  |  |
| Weight0.45KgDimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications  | Housing                | Iron (1mm)                                      |   |  |  |
| DimensionsWithout ears100 × 67 × 26 mm(3.94 × 2.64 × 1.02 in)With ears100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)Environmental LimitsOperating Temperature-20 ~ 70°C (-4 ~ 158°F)Storage Temperature-40 ~ 85°C (-40 ~ 185°F)Ambient Relative Humidity5% to 95%(non-condensing)Standards and Certifications  | Weight                 |   |   |  |  |
| Dimensions   With ears   100 × 86 × 26 mm(3.94 × 3.39 × 1.02 in)     Environmental Limits   | -                      | Without ears                                    |   |  |  |
| Environmental Limits     Operating Temperature     -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature     -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity     5% to 95% (non-condensing)     Standards and Certifications   |                        |   |   |  |  |
| Operating Temperature   -20 ~ 70°C (-4 ~ 158°F)     Storage Temperature   -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity   5% to 95% (non-condensing)     Standards and Certifications  | Environmental Limit    |   |   |  |  |
| Storage Temperature   -40 ~ 85°C (-40 ~ 185°F)     Ambient Relative Humidity   5% to 95% (non-condensing)     Standards and Certifications  |                        |   |   |  |  |
| Ambient Relative Humidity 5% to 95%(non-condensing)   Standards and Certifications  |                        |   |   |  |  |
| Standards and Certifications  | - · ·                  |   |   |  |  |
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