

P/N 21498: 16-port 10/100Mbps Industrial Ethernet Switch



- 16 ports 10/100Mbps Industrial Ethernet Switch
- Industry standard design: -40+85 °C working temperature
- Broadcast storm control, fan-less, low power consumption
- IP40 Protection class, high strength metal housing

Product Main Features

High reliability and safety

- IP40 Protection, broadcast storm protection, high strength metal housing
- Support AC power port lightning-proof function (the fourth lightning protection) - Industry standard design: -40+85°C working temperature
- optional redundancy dual power input

Excellent Performance

- Support auto negotiation speed, F/H duplex mode, and auto send data control
- Input Voltage: 12VDC~36VDC, overload Current Protection
- Support IEEE802.3ax flow control for Full Duplex, back-pressure for Half Duplex mode
- 1K MAC address with auto-learning and auto-aging
- Energy-saving green design, low power consumption

Flexible

- Plug & play design, easy to install, DIN-Rail mounting or wall mounting
- Fan-less, natural cooling, compact and quiet design

Technical Specification

Product Name	16-port 10/100Mbps Industrial Ethernet Switch
Product Model	21498
Connector	RJ45 Ports: 10/100BaseT(X) auto connection, Full /Half duplex or force work mode, and support MDI/MDI-X connection
Power	Input Voltage: 12VDC~36VDC Overload Current Protection Connection: 3 bit terminal block
Transfer Mode	Store-And-Forward
Forwarding and Filtrate Rate	14881pps
Network Medium	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)
MTBF	190,000 hours (about 21 years)
MAC Address Table	UP to 1K MAC addresses Support auto-update, two-way learning
Port Flow Control	Back-pressure traffic control under Half-Duplex mode IEEE 802.3x traffic control under Full-Duplex mode
Network standard	IEEE 802.3 IEEE 802.3i, 10BASE-T IEEE 802.3u, 100BASE-TX IEEE 802.3x, Full-Duplex Flow Control
Environment	Operating Temperature: -40°C~85°C Storage Temperature: -45°C~85°C Ambient Relative Humidity: 5% to 95% (non-condensing)
Approvals	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD), Level 4 EN61000-4-3 (RS), Level 3 EN61000-4-4 (EFT), Level 4 EN61000-4-5 (Surge), Level 4 EN61000-4-6 (CS), Level 3 EN61000-4-8, Level 5 Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Safety	FCC,CE, RoHS approvals
Warranty	5 years

Product Typical Application

Product Ordering Information

Order Information	
Product Model	21498
Type	16-port 10/100Mbps Industrial Ethernet Switch
Mechanical	IP40 Protection, Metal case DIN-Rail/ Wall mounting
Dimension/Weight	60mm×112mm×138mm, 670g
Package content	21498
	User Guide
	Warranty card