

4x10/100TX + 1FX Industrial Ethernet Switch (PoE)



Benefits

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| <ul style="list-style-type: none">■ System Interface/Performance<ul style="list-style-type: none">➢ RJ-45 port support Auto MDI/MDI-X Function➢ Embedded 4-port PoE Injector Function➢ Store-and-Forward Switching Architecture➢ Back-plane (Switching Fabric): 1.0Gbps➢ 1K MAC Address Table■ Power Supply<ul style="list-style-type: none">➢ DC 48V Redundant Power➢ Overload Current Re-settable Fuse Present | <ul style="list-style-type: none">■ Case/Installation<ul style="list-style-type: none">➢ IP-30 Protection➢ DIN Rail and Wall Mount Design■ Provides EFT protection 3000 VDC for power line■ Supports 4000 VDC Ethernet ESD protection |
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Standard Compliance

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet IEEE802.3x Flow Control and Back Pressure IEEE802.3af Power over Ethernet
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Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps Packet throughput ability (Full-Duplex): 1.488Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
MAC Address	1K MAC address table
Connector	10/100TX: 4 x RJ-45 with auto MDI/MDI-X function; Support PoE injector function 100M fiber: 1 x SC type connector for Single-mode or Multi-mode type fiber cable
PoE pin assignment	RJ-45 port # 1~# 4 support IEEE 802.3af End-point, Alternative B mode. Positive (VCC+): RJ-45 pin 1, 2. Negative (VCC-): RJ-45 pin 3, 6. Data (1,2,3,6)
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)

Optical Fiber	Multi-mode: 50/125um~62.5/125um Single-mode: 9/125um Available distance: 2km (Multi-mode)/30km (Single-mode) Wavelength: 1310nm (Multi-mode/Single-mode)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Red) Fiber: Link/Active(Green) TX: Link/Active(Green), Full duplex/Collision (Yellow) PoE: Feeding Power (Green)
Overload current protection	Present
Power Supply	DC 48V Redundant Power
Power Consumption	4.6Watts (without PoE); 58Watts (Full load with PoE)
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	Standard: -10°C ~ 60°C
Storage Temperature	-40°C ~ 85°C
Case Dimension	Metal case. IP-30, 30mm (W) x 95mm (D) x 140mm (H)
Installation	DIN Rail and Wall Mount Design
EMI	FCC Class A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN-61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-4-11, CE EN61000-6-2, CE EN61000-6-4
Safety	UL, cUL, CE/EN60950-1
Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

Order Information

Part Number	Product Family	Description
26P470201	DragonLine	4x10/100TX + 1x100FX Industrial Ethernet Switch(PoE,SC, MM 2km)
26P470251	DragonLine	4x10/100TX + 1x100FX Industrial Ethernet Switch(PoE,SC, SM 10km)

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