

# 4x10/100TX + 1x100FX Industrial Ethernet Switch (Slimline)



## Benefits

<ul style="list-style-type: none"> <li>■ System Interface/Performance           <ul style="list-style-type: none"> <li>➢ RJ-45 port support Auto MDI/MDI-X Function</li> <li>➢ Store-and-Forward Switching Architecture</li> <li>➢ Back-plane (Switching Fabric): 1Gbps</li> <li>➢ 448Kbits Memory Buffer</li> <li>➢ 2K MAC Address Table</li> <li>➢ Support Wide Operating Temperature (-40°C~75°C)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>■ Case/Installation           <ul style="list-style-type: none"> <li>➢ IP-30 Protection</li> <li>➢ DIN Rail and Wall Mount Design</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>■ Power Supply           <ul style="list-style-type: none"> <li>➢ Wide-range Redundant Power Design</li> <li>➢ Power Polarity Reverse Protect</li> <li>➢ Overload Current Re-settable Fuse Present</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>■ Provides EFT protection 3000 VDC for power line</li> </ul>
<ul style="list-style-type: none"> <li>■ Provides broadcast storm protection</li> </ul>	<ul style="list-style-type: none"> <li>■ Supports 4000 VDC Ethernet ESD protection</li> </ul>

## 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
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## Hardware Specification

Switch Architecture	Back-plane (Switching Fabric): 1Gbps Packet throughput ability (Full-Duplex): 1.49Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
Memory Buffer	448Kbits
MAC Address	2K MAC address table
Connector	10/100TX: 4 x RJ-45 with auto MDI/MDI-X function 100M fiber: 1 x SC type connector for Singlemode or Multimode type fiber cable
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 Cable	Multimode: 50/125µm~62.5/125µm Singlemode: 9/125µm Available distance: 2km (Multimode)/30km (Singlemode) Wavelength: 1310nm (Multimode/Singlemode)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Red) Per port: Link/Activity (Green), Full duplex/Collision (Yellow)
Reserve polarity protection	Present
Overload current protection	Present

Power Supply	12~48 VDC or 18~30 VAC Redundant power with polarity reverse protect function and removable terminal block
Power Consumption	4.44 Watt
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	Standard -10°C~60°C Wide Operating Temperature -40°C~75°C
Storage Temperature	-40°C~85°C
Case Dimension	Metal case. IP-30, 25mm (W) x 95mm (D) x 130mm (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 EN61000-4-12, 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
26470201	DragonLine	4x10/100 TX + 1FX (SC/MM/2km) Industrial Ethernet Switch
26470201E	DragonLine	4x10/100 TX + 1FX (SC/MM/2km) Industrial Ethernet Switch Wide Operating Temperature (-40°C~+75°C)
26470251	DragonLine	4x10/100 TX + 1FX (SC/SM/30km) Industrial Ethernet Switch
26470251E	DragonLine	4x10/100 TX + 1FX (SC/SM/30km) Industrial Ethernet Switch Wide Operating Temperature (-40°C~+75°C)