

# 4x10/100TX + 2x100FX 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): 1.2Gbps</li> <li>➢ 448Kbits Memory Buffer</li> <li>➢ 2K MAC Address Table</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 6000 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 |
|               | IEEE 802.3x Flow Control and Back Pressure          |

## Hardware Specification

|                             |   |
|-----------------------------|---|
| Switch Architecture         | Back-plane (Switching Fabric): 1.2Gbps<br>Packet throughput ability (Full-Duplex): 1.488Mpps @64bytes   |
| Transfer Rate               | 14,880pps for Ethernet port<br>148,800pps for Fast Ethernet port  |
| Memory Buffer               | 448Kbits  |
| MAC Address                 | 2K  |
| Connector                   | 10/100TX: 4 x RJ-45 with auto MDI/MDI-X function<br>100M fiber: 2 x SC type connector for Singlemode or Multimode type fiber cable                            |
| Network Cable               | 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable<br>EIA/TIA-568 100-ohm (100m)<br>100Base-TX: 2-pair UTP/STP Cat. 5 cable<br>EIA/TIA-568 100-ohm (100m)            |
| Optical Cable               | Multimode: 50/125µm~62.5/125µm<br>Singlemode: 9/125µm<br>Available distance: 2km (Multimode) / 30km (Singlemode)<br>Wavelength: 1310nm (Multimode/Singlemode) |
| Protocol                    | CSMA/CD   |
| LED                         | Per port: Link/Activity (Green), Full duplex/Collision (Yellow)<br>Per unit: Power 1 (Green), Power 2 (Green), Fault(Red)                                     |
| Reserve polarity protection | Present   |

|                             |  |
|-----------------------------|--|
| Overload current protection | Present  |
| Power Supply                | DC 12~48V<br>Redundant power with polarity reverse protect function and removable terminal block   |
| Power Consumption           | 6.41 Watt  |
| 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 EN61000-4-12, 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   |
|-------------|----------------|---|
| 26470202    | DragonLine     | 4x10/100TX + 2x100FX (SC/MM/2km)<br>Industrial Ethernet Switch  |
| 26470202E   | DragonLine     | 4x10/100TX + 2x100FX (SC/MM/2km)<br>Industrial Ethernet Switch<br>Wide Operating Temperature (-40°C~+75°C)  |
| 26470252    | DragonLine     | 4x10/100TX + 2x100FX (SC/SM/30km)<br>Industrial Ethernet Switch   |
| 26470252E   | DragonLine     | 4x10/100TX + 2x100FX (SC/SM/30km)<br>Industrial Ethernet Switch<br>Wide Operating Temperature (-40°C~+75°C) |