5-Port Industrial Ethernet Switch

**Lets multiple Ethernet Devices share a network connection in harsh environments**

- Five-port 10/100 Fast Ethernet Switch – share a network connection with no contention
- Unmanaged switch – no configuration needed
- Auto speed, duplex and flow control negotiation – plug and play with various devices
- Auto MDX/MDI-X connection – never requires a crossover cable
- Link Status and Activity LED indicators for easier system troubleshooting
- Low-power and smart power management for solar/battery backed applications
- 10Vdc to 30Vdc DC power, ideal for battery backed systems
- Compact designs saves panel space
- Snap-on DIN Rail Mounting
- Wide operating Temperature Range: -40°C to +70°C
- 3-year factory warranty on parts and labor

**Five-port 10/100 Ethernet Switch** – Interconnect up to five fast Ethernet devices with no throughput limiting contention. Need more connectivity? Simply daisy-chain switches as required.

**Galvanic Isolation** – Transformer isolation on each port eliminates ground loops.

**Fast Field Installation** – Requires no configuration. Speed, duplex, flow control and transmit/receive connections are automatically detected/negotiated on each port, making installation truly plug-and-play with a mixture of Ethernet devices.

**Low-cost twisted pair wiring** – Uses low-cost industry standard RJ-45 connectors and twisted-pair cables.

**DC Powered** – Use the same 12V or 24V DC power supply that powers your other controllers and sensors. Supports battery-backed applications also.

**Compact** – Very small footprint and DIN rail mounting minimizes required panel space.

**Rugged Reliability** – 100% tested over an extended temperature range of -40°C to 70°C, and backed by an industry leading 3-year factory parts and labor warranty.
## Specifications

### Network Communications
- **Standards**: IEEE 802.3, 802.3u
- **Number of Ports**: 5
- **Network Speeds**: Fast Ethernet [10/100]
- **Interface Connections**: RJ-45 x 5
- **Maximum Cable Length**: 100M (328 ft.)
- **Port wiring Configuration**: Auto-negotiated (Auto MDI/MDI-X)
- **LED Status Indicators**: Connection Speed (10/100) and Activity

### Terminal Blocks (power)
- **Removable, 3.5mm (0.138"), 12 to 22AWG, 15A/contact maximum**

### Mounting
- **35mm. DIN rail**

### Dimensions
- **1.4"W x 3.7"H x 3.8"D (includes terminal block and elevation off panel on DIN rail)**

### Environment
- **- 40°F (-40°C) to 158°F (70°C), 5%RH to 95% RH, non-condensing**

### Power
- **10 to 30Vdc**

### Warranty
- **3 years, factory parts and labor**

### Switch Part Number
- **94-1105** Ethernet Switch, 5-port, Unmanaged, 10/100 (Auto MDI/MDI-X, DIN Rail, Ext. Temp)

### Mating Cables
- **99-10xx** RJ-45 to RJ-45 Ethernet Cable, Cat 5e (xx is length in ft. – available lengths: 01, 03, 06, 10, 15)

---

**Represented by:**

### Industrial Control Links, Inc.
- [www.iclinks.com](http://www.iclinks.com)
- Tel: 530-888-1800

---

**Copyright © 2010 Industrial Control Links, Inc. All Rights Reserved Specifications subject to change.**