# KY-501U

## Industrial 5-port Mini Type Unmanaged Ethernet switch

DYMEC AMERICAN INDUSTRIAL

## Features

## 5x10/100Base-T(X)

- Supports 5 ports 10/100 Base-T(X)
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store-and-forward transmission
- Supports flow control
- Compact size for easily installation
- Rigid IP-30 housing design
- DIN-Rail & Wall Mount




Mini Type Redundant PWR

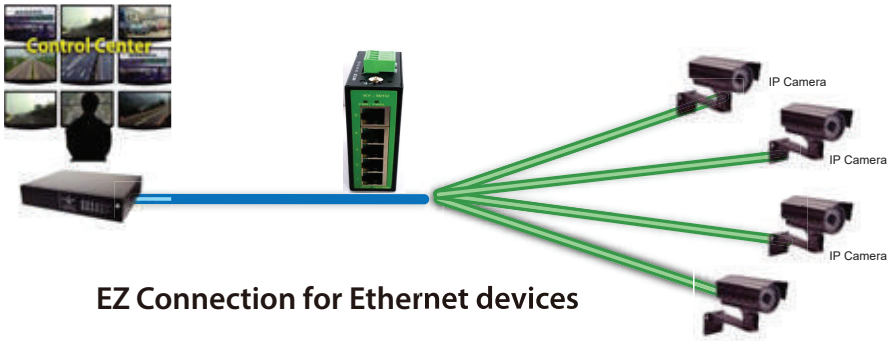
RoHS Lead Free

## Introduction

The KY-501U is an Unmanaged Ethernet switch with 5x10/100Base-T(X) ports. Engineered with a miniature housing, - the unit fits easily into most housings and spaces. Easy & Quick Installation - Plug & Play you can install IES-150B easily. Designed to operate in harsh environments and and ruggedized to operate in a wide temerature range. DYMEC - "American Industrial"

## Practical Operation

The KY-501U can be used to connect multiple Ethernet devices such as Ethernet I/O, IP-Cameras, Fire Alarms, or other Ethernet switches. The device's mini size enables easy installation and minimal space requirements.



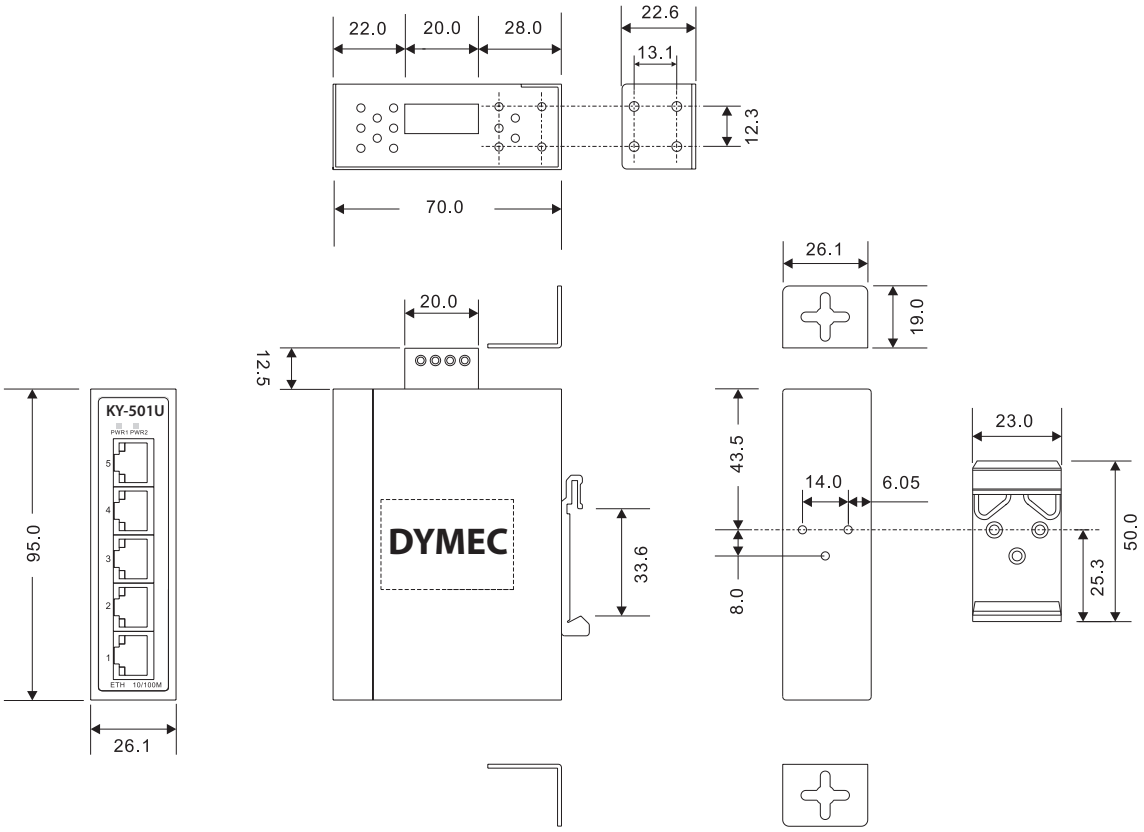

EZ Connection for Ethernet devices

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## Dimensions




(Unit=mm)

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## Specifications

| DYMEC Switch Model | KY-501U |
|---|---|
| **Physical Ports** | |
| 10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX | 5 |
| **Technology** | |
| Ethernet Standards | IEEE 802.3 for 10Base-T<br>IEEE 802.3u for 100Base-TX<br>IEEE 802.3x for Flow control |
| MAC Table | 2048 MAC addresses |
| Processing | Store-and-Forward |
| **LED Indicators** | |
| Power indicator | Green : Power LED x 2 |
| 10/100Base-T(X) RJ45 port Indicator | Green for port Link/Act. Amber for Duplex/Collision |
| **Power** | |
| Input Power | Dual 12~48 VDC power input on 4-pin terminal block |
| Power Consumption (Typ.) | 3 Watts |
| Overload Current Protection | Yes |

| | |
|---|---|
| Reverse Polarity Protection | Yes |
| **Physical Characteristics** | |
| Enclosure | IP-30 |
| Dimensions (W x D x H) | 26.1 (W) x 70 (D) x 95 (H)mm (1.03 x 2.76 x 3.74 inch) |
| Weight (g) | 205 g |
| **Environmental** | |
| Storage Temperature | -40 to 85°C (-40 to 185°F) |
| Operating Temperature | -40 to 80°C (-40 to 176°F) |
| Operating Humidity | 5% to 97% Non-condensing |
| **Regulatory Approvals** | |
| EMI | FCC Part 15, CISPR (EN55022) class A |
| EMS | EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11 |
| Shock | IEC60068-2-27 |
| Free Fall | IEC60068-2-32 |
| Vibration | IEC60068-2-6 |
| Safety | EN60950-1, NEMA TS-2 |
| Warranty | 5 years |

## Ordering Information

| Available Model | Model Name | Descripn |
|---|---|---|
| | KY-501U | Industrial 5-port mini type unmanaged Ethernet switch with 5x10/100Base-T(X) |

**Packing List**

- KY-501U
- DIN-Rail Kit
- Wall-mount Kit
- Quick Installation Guide

**Optional Accessories** (Can be purchased separately)

- DR-45 series, 45W DIN-Rail power supply
- DR-75 series, 75W DIN-Rail power supply
- DR-120 series, 120W DIN-Rail power supply
- PAA-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC
- SDR-240-48, 240W DIN-Rail power supply
- SDR-480-48, 480W DIN-Rail power supply