IPS1-05U

UNMANAGED IP ETHERNET SWITCH

Automated Logic

EKI-2525

UNMANAGED IP ETHERNET SWITCH FOR THE OPTIFLEX CONTROLLER LINE

The IPS1-05U unmanaged IP ethernet switch is ideal for connecting the OptiFlex™ dual IP controllers to an ethernet network (Home run and Daisy chain topologies supported). The IPS1-05U features five gigabit ethernet ports that support 10/100 auto negotiation. Rugged construction and din rail mounting make it well suited for panel installation in many HVAC applications.

KEY FEATURES AND BENEFITS

Application Features

- Supports 10/100 Mbps Auto-Negotiation
- Provides broadcast storm protection
- Supports redundant 12 ~ 48 VDC power input and P-fail relay
- Provides a relay output for an event alarm
- 14°~140° F (-10°~60° C) operating temperature range

Hardware Features

- 5 fast ethernet ports with Auto MDI/MDI-X
- Provides compact size with DIN rail/wall mount, and IP30 metal mechanism
- Built-in LEDs to indicate hardware status, which makes troubleshooting quick and easy
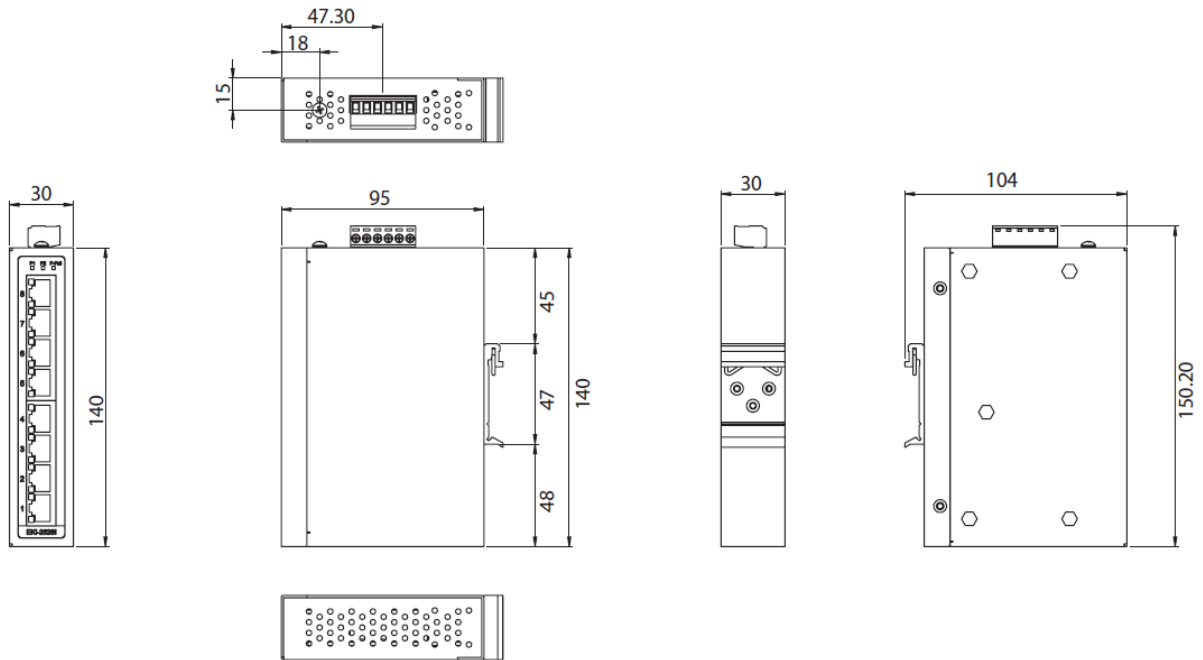
WebCTRL®

The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.

SPECIFICATIONS

Part #	IPS1-05U **Unmanaged IP Ethernet Switch**
Power	Consumption: 5.28W @ 48 VDC (System) Input: 12~48 VDC redundant dual power input Fault Output: 1 relay output 1A @ 24 VDC max Reverse polarity protection: Supported Overload current protection: Supported
Interface	
Connectors	8 x RJ45 (EKI-2528) or 5 x RJ45 (EKI-2525)
System LED	PWR1, PWR2, P-Fail
Port LED	10/100T (X): Link/Activity, Duplex/Collision
Environmental Range	Operating Temperature: 14°F to 140°F (-10 to 60°C) Storage Temperature: -40°F to 185°F (-40 to 85°C) 10–95% relative humidity, non–condensing
Physical	Metal shell enclosure with solid mounting kits; rated IP30 for DIN-rail installation
Certification	EMI: CE, FCC Class A; Safety: UL62368; EMC: EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8; Shock: IEC60068-2-27; Freefall: IEC60068-2-32; Vibration: IEC60068-2-6

Panel Cut-Out Dimensions: 30 x 140 x 95 mm (1.18" x 5.51" x 3.74")

4-12-2023