i-Vu® Building Automation System
IPS1-05-U
Unmanaged IP Ethernet Switch

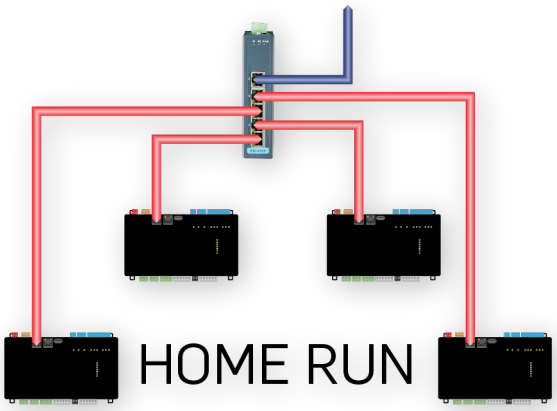


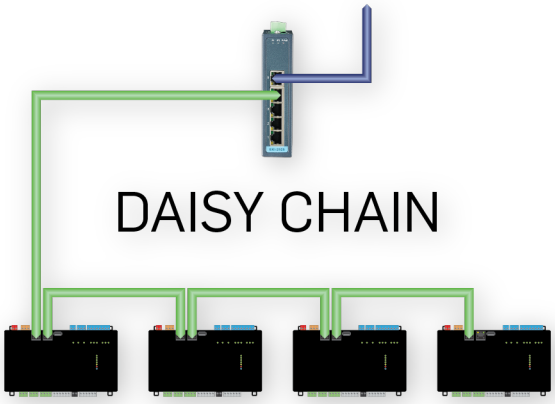
The IPS1-05-U is ideal for connecting Carrier's TruVu™ dual IP controllers to an Ethernet network (Home run and Daisy chain topologies supported). The IPS1-05-U features five gigabit Ethernet ports that support 10/100 Mbps auto negotiation. Rugged construction and din rail mounting make it well suited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

Features

- Provides 5 fast Ethernet ports with Auto MDI/MDI-X
- Supports 10/100 Mbps Auto-Negotiation
- Provides broadcast storm protection
- Provides compact size with DIN-rail/Wall mount, and IP30 metal mechanism
- Supports redundant 12 ~ 48 VDC power input and P-Fail relay
- Provides a relay output for an event alarm
- Built-in LEDs to indicate hardware status, which makes troubleshooting quick and easy
- -10 ~ 60 °C (14 ~ 140 °F) operating temperature

Suggested Network Topologies





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Specifications

Interface

Connectors: 8 x RJ45 (EKI-2528) or 5 x RJ45 (EKI-2525)
6-pin removable screw terminal (power & relay)
System LED: PWR1, PWR2, P-Fail
Port LED: 10/100T (X): Link/Activity, Duplex/Collision

Physical

Enclosure: Metal shell with solid mounting kits
Protection Class: IP 30
Installation: DIN-Rail
Dimensions (W x H x D): 30 x 120 x 95 mm (1.18'' x 4.72'' x 3.74)

Certification

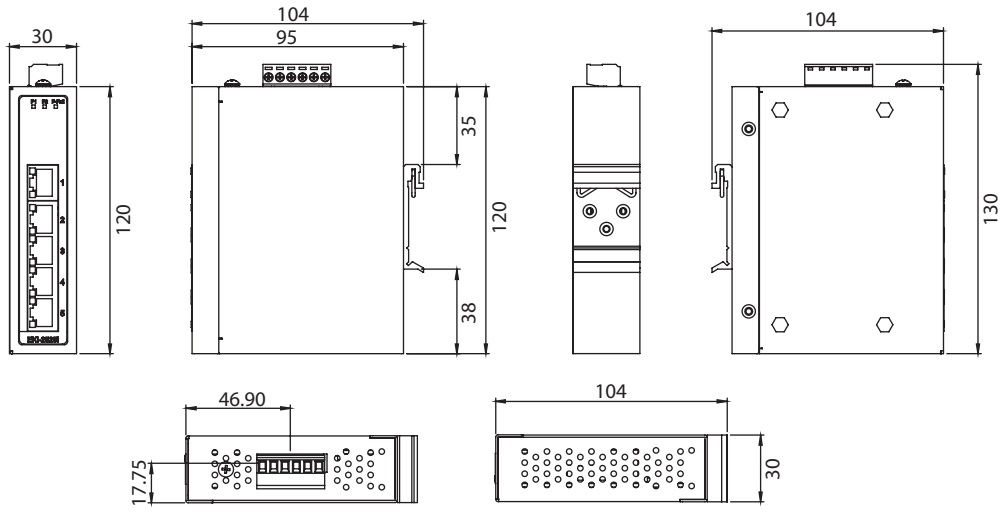
EMI: CE, FCC Class A
Safety: UL 62368
EMS: EN 61000-4-2
EN 61000-4-3
EN 61000-4-4
EN 61000-4-5
EN 61000-4-6
EN 61000-4-8
Shock: IEC 60068-2-27
Freefall: IEC 60068-2-32
Vibration: IEC 60068-2-6

Environment

Operating Temperature: -10 ~ 60 °C (14 ~ 140 °F)
Storage Temperature: -40 ~ 85 °C (-40 ~ 185 °F)
Ambient Relative Humidity: 10 ~ 95% (non-condensing)
Humidity: 10 ~ 95% (non-condensing)

Power

Power Consumption: 5.28W @ 48VDC (System)
Power Input: 12~48 VDC, redundant dual power input
Fault Output: 1 Relay Output 1A @ 24VDC Max
Reverse polarity protection: Supported
Overload current protection: Supported



Panel Cut-out Dimensions: 30 x 120 x 95 mm (1.18" x 4.72" x 3.74")

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For more information, contact your local Carrier Controls Expert.
Controls Expert Locator:
www.carrier.com/controls-experts