Industrial DIN Rail PoE Ethernet Switches 8 Port 12-52VDC 1000Base-TX Unmanaged

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: US-08TH
- Minimum Order Quantity: 10 pieces
- Price: Negotiable
- Packaging Details: Paper box packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100000 pieces per month

Product Specification

- Input Voltage: DC12-52V/DC 48-52V(PoE)
- Housing: Metal
- Protection Rating: IP40
- Mounting: DIN-rail,wall
- Power Consumption: 5W
- Packet Buffer Memory: 2Mbit
- Bandwidth: 20G
- Latency: < 10μs
- Forwarding Mode: Store-and Forward
- Highlight: **DIN Rail PoE Ethernet Switches**,
                              PoE Ethernet Switches 8 Port,
                              1000Base-TX Unmanaged Ethernet Switches

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Product Overview

The US-08TH series industrial Ethernet switches support 12~52VDC redundant power input with double protection mechanism: power polarity reverse protection and overload current fuse. These unmanaged switches operate in temperatures from -40°C to 75°C, offering exceptional ruggedness for harsh environments.

Key Features

- Reliable data transmission with long working life
- Auto-Negotiation function for automatic transfer speed adjustment
- Half Duplex/Full Duplex, Auto-crossing capability
- Store-and-forward switching mode supporting multiple protocols
- High quality and reliability with MTBF: 300,000 hours
- Redundant 12-52VDC power input with reverse-polarity protection
- DIN rail mounting with IP40 metal housing
- Lightning surge impact protection: 5000A (8/20µs)

Technical Specifications

Network Configuration

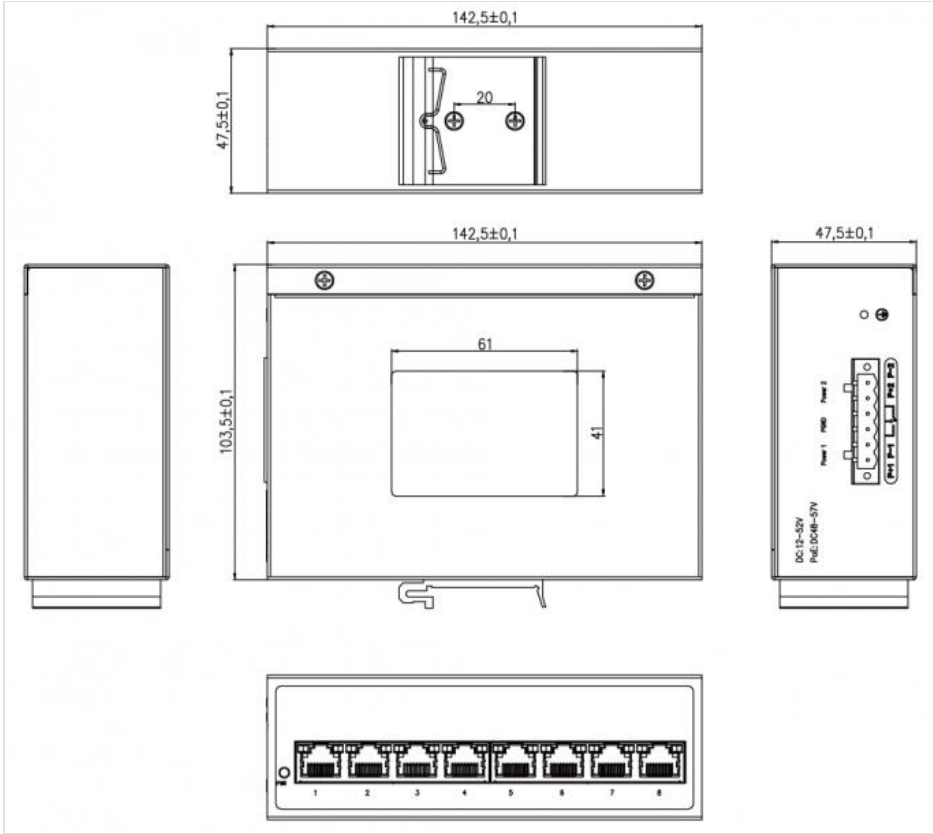|	
Port description	8 x RJ45 female 8 pin, 8-port 10/100/1000Base-T(X) MDI/MDI-X auto-crossover, auto-negotiation
Network protocol	IEEE802.3, IEEE802.3i 10Base-T; IEEE802.3u100Base-TX/FX; IEEE802.3ab1000Base-T; IEEE802.3at; IEEE802.3af, IEEE802.3z1000Base-X; IEEE802.3x

Environmental Specifications

Operating temperature	-40~75°C (-40~167°F)
Storage temperature	-40~75°C (-40~167°F)
Relative humidity	5% ~ 95% (no condensation)

Mechanical Specifications

Housing	Metal
Protection rating	IP40

Mounting	DIN-rail, wall
Cooling method	Natural cooling, fanless
Weight	0.64Kg
Dimensions	143.7 x 103 x 47.5mm (L x W x H)

Mechanical Dimension Drawing