



- 5x Fast Ethernet ports
- Built for harsh environments and wide temperature range application
- IP30 housing
- DIN-Rail Mounting



Specifications

Technology

Standard

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX

IEEE 802.3x Flow Control
IEEE 802.3af Power over Ethernet

IEEE 802.3at PoE+

Processing Type

Store and Forward

Switch properties

Switch Fabric 1Gbps

Priority Queues -

MAC Table Size 1k

Packet Buffer 448Kbits

Interface

RJ45 Ports 5x 10/100T(x) with 4x PoE+, auto negotiation speed duplex mode, auto MDI/MDI-X

PoE Pin Out V+, V+, V-, V-, for pin 1, 2, 3, 6, Endspan, MDI Mode A

LED Indicators Per unit: PWR1, PWR2, Fault
Ports: Link/Active with highest speed(Green), low speed(Amber)
PoE: Output Power

Power Requirements

Operation Voltage 48-57VDC, redundant dual inputs, >50VDC for PoE+ output recommended

Connection 1x removable 4-contact terminal block

Power Consumption 0.06A@48VDC without PDs' consumption

Protection Overload Current Protected, Reverse Polarity Protected

PoE Power Budget Max. 120W for total PD consumption, Max. 30 W per PoE port

Mechanical Construction

Enclosure	Steel metal
Protection Class	IP30
Dimensions	27x105x95 mm

Weight	0.51 kg
Mounting	DIN-Rail Mounting

Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F) For 10G SFP+: -40 ~ 60°C (32°F ~ 140°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)

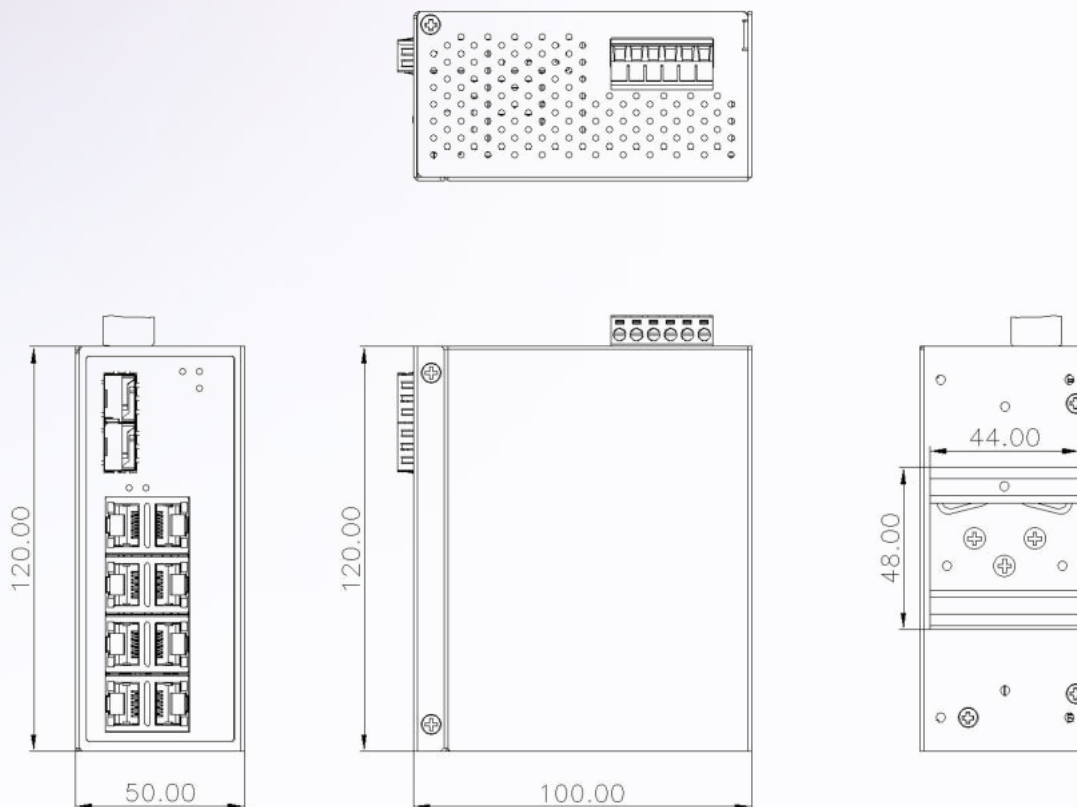
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
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Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD) IEC61000-4-3 (RS) IEC61000-4-4 (EFT) IEC61000-4-5 (Surge) IEC61000-4-6 (CS) IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32

Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	5 Years

Dimensions (unit = mm)



Ordering Information

Available Models

ES-0500L-T ES-0500L-T 5 Port Industrial Unmanaged Ethernet Switch
- 5x 10/100T(x)
- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-240-48 240W Industrial DIN-Rail Power Supply, 48VDC (metal case)

NDR-480-48 480W Industrial DIN-Rail Power Supply, 48VDC (metal case)