

ES-1600L

16 Port Industrial Unmanaged Ethernet Switch



- 16x Fast Ethernet ports
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting



Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
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Processing Type	Store and Forward
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Switch Properties

Switch Fabric	3.2Gbps
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Priority Queues	-
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MAC Table Size	8K
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Packet Buffer	4Mbits
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Interface

RJ45 Port	16x 10/100T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
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LED Indicators	Per unit: PWR1, PWR2 Ports: Link/Active with highest speed(Green), low speed(Amber)
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Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
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Power Requirements

Operation Voltage	12-48VDC, redundant dual inputs
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Connection	1x removable 6-contact terminal block
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Power Consumption	10W
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Metal casting
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Protection Class	IP30
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Dimensions	45x136x95 mm (WxHxD)
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Weight	0.5 kg
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Mounting	DIN-Rail Mounting
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Environmental Limits

Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
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Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
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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
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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)
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Free Fall	IEC60068-2-32
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Shock	IEC60068-2-27
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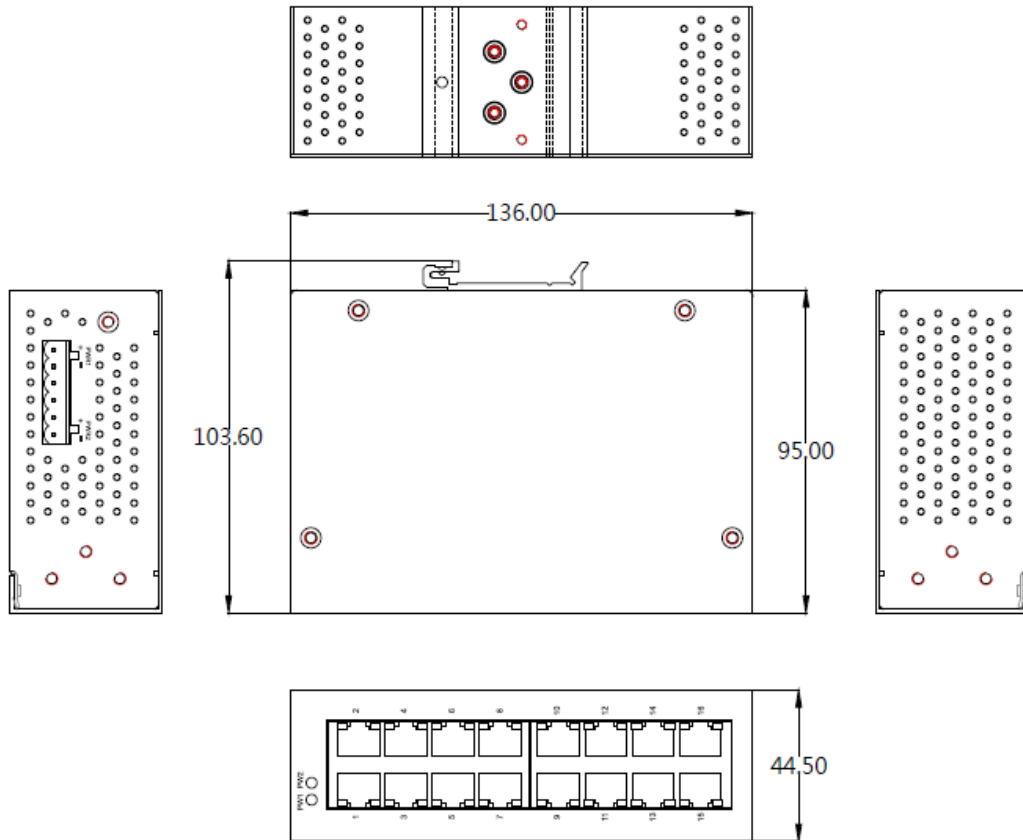
Vibration	IEC60068-2-6
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Green	RoHS Compliant
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Features with star(*) implies those are under development.

In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)



Ordering Information

ES-1600L-T

16 Port Industrial Unmanaged Ethernet Switch

- 16x 10/100T(x)

- Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

NDR-75-24

75W Industrial DIN-Rail Power Supply, 24VDC (metal case)

NDR-75-48

75W Industrial DIN-Rail Power Supply, 48VDC (metal case)