

# ES-0800L

## 8 Port Industrial Unmanaged Ethernet Switch



- 8x 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

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
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<b>Processing Type</b>	Store and Forward
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#### Switch Properties

<b>Switch Fabric</b>	1.6Gbps
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<b>Priority Queues</b>	-
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<b>MAC Table Size</b>	1K
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<b>Packet Buffer</b>	448Kbits
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#### Interface

<b>RJ45 Port</b>	8x 10/100T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
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<b>LED Indicators</b>	<b>Per unit:</b> PWR1, PWR2, Fault <b>Ports:</b> Link/Active with highest speed(Green), low speed(Amber)
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<b>Alarm Contact</b>	1x relay output with current carrying capacity of 1A @ 24 VDC
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#### Power Requirements

<b>Operation Voltage</b>	12-48VDC, redundant dual inputs
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<b>Connection</b>	1x removable 6-contact terminal block
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<b>Power Consumption</b>	0.06A@24VDC
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<b>Protection</b>	Overload Current Protected, Reverse Polarity Protected
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#### Mechanical Construction

<b>Enclosure</b>	SECC
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<b>Protection Class</b>	IP30
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<b>Dimensions</b>	29x140x98 mm (WxHxD)
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<b>Weight</b>	0.75 kg
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<b>Mounting</b>	DIN-Rail Mounting
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#### Environmental Limits

<b>Operating Temperature</b>	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
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<b>Storage Temperature</b>	-40°C ~ 85°C
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<b>Ambient Relative Humidity</b>	5 to 95%, (Non-Condensing)
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#### Regulatory Approvals

<b>EMI</b>	FCC Part 15 Subpart B Class A CE EN 55032 Class A
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<b>EMS</b>	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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<b>Free Fall</b>	IEC60068-2-32
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<b>Shock</b>	IEC60068-2-27
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<b>Vibration</b>	IEC60068-2-6
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<b>Green</b>	RoHS Compliant
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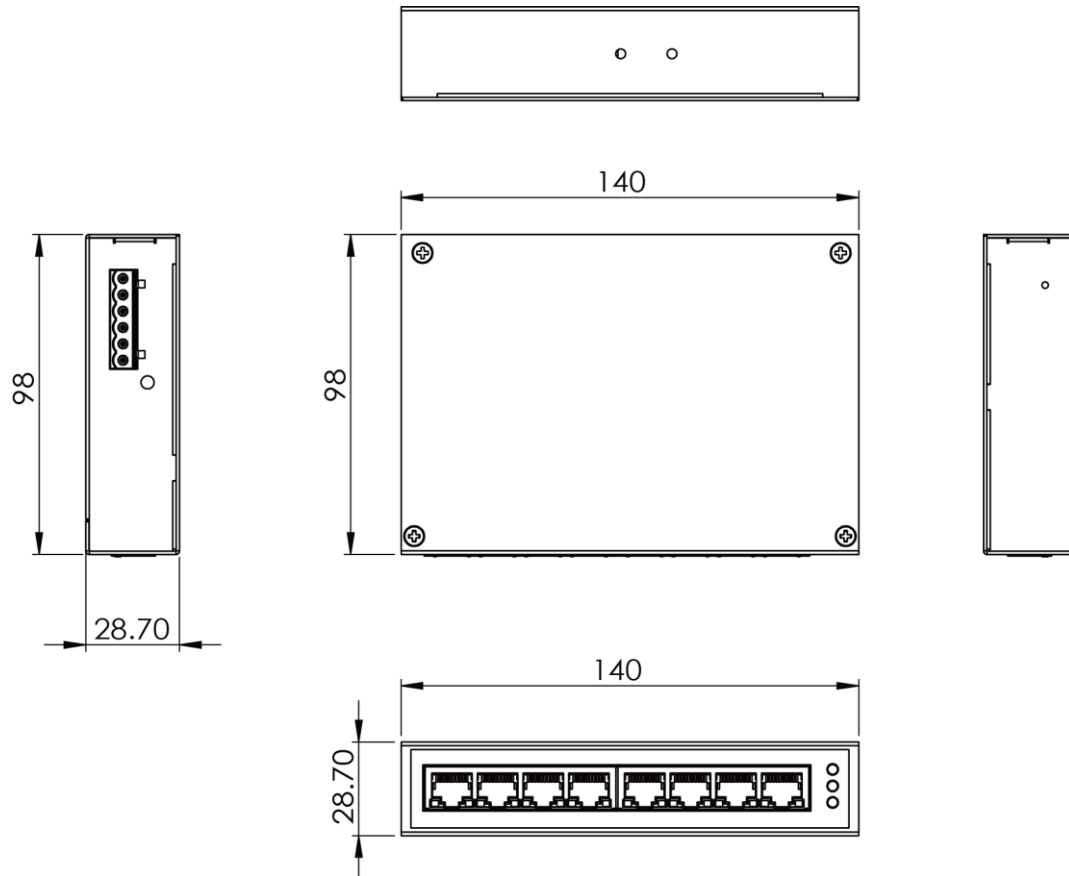
**Certifications** IEC 61000-6-2  
IEC 61000-6-4  
E-Mark

**Warranty** 5 Years

**MTBF** >100,000 hours

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-0800L-T** 8 Port Industrial Unmanaged Ethernet Switch  
- 8x 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)