

ES-0802G

8+2 Port Industrial Unmanaged Gigabit Ethernet Switch



- 8x Gigabit Ethernet ports
- 2x 100/1000F(x) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay Output with Current Carrying Capacity
- IP30 housing
- DIN-Rail Mounting, Optional Wall Mounting



Specifications

Technology

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control
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Processing Type	Store and Forward
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Switch Properties

Switch Fabric	20Gbps
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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	8x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
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Fiber Port	2x 100/1000F(x) SFP Slot
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LED Indicators	Per unit: PWR1, PWR2, Fault 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
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block

Power Consumption	15W
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Protection	Overload Current Protected, Reverse Polarity Protected
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Mechanical Construction

Enclosure	Aluminum
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Protection Class	IP30
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Dimensions	50x120x100 mm (WxHxD)
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Weight	0.7 kg
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Mounting	DIN-Rail Mounting, Optional Wall Mounting Kits
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Environmental Limits

Operating Temperature	Standard: -10°C ~ 60°C (14°F ~ 140°F) 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)
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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

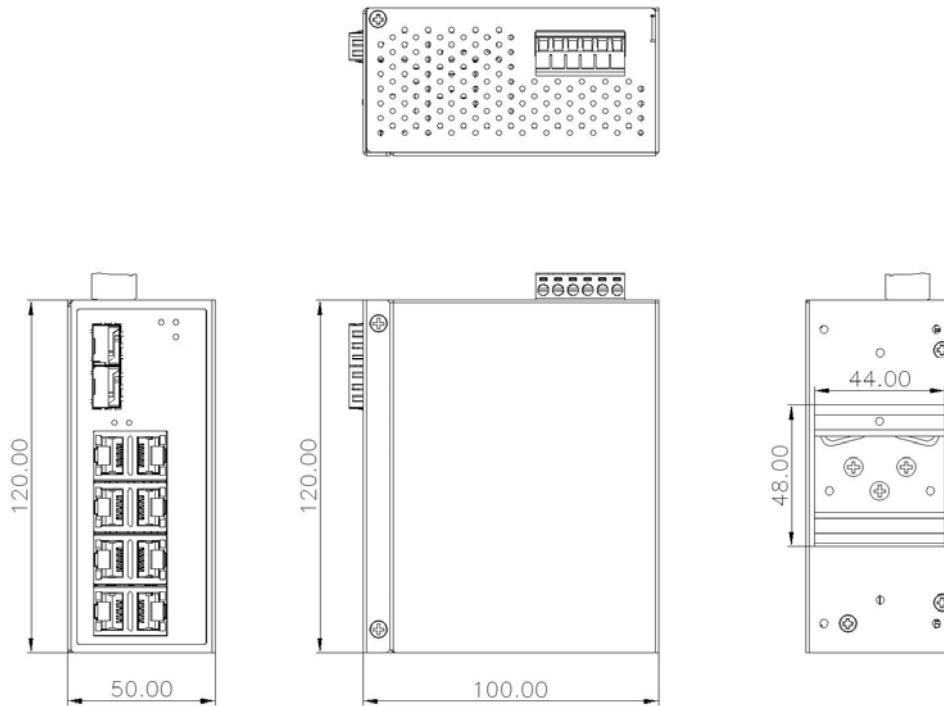
Certifications IEC 61000-6-2
 IEC 61000-6-4

MTBF >100,000 hours

Warranty 5 Years

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-0802G	8+2 Port Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) + 2x 100/1000F(x) SFP Slot - Operating Temperature: -10°C ~ 60°C (14°F ~ 140°F)
ES-0802G-T	8+2 Port Industrial Unmanaged Gigabit Ethernet Switch - 8x 10/100/1000T(x) + 2x 100/1000F(x) SFP Slot - Operating Temperature: -40°C ~ 75°C (-40°F ~ 167°F)

Optional Accessories

MDR-20-24	Industrial DIN-Rail Power Supply with 24VDC Output, provide max. 20W Power
MDR-40-48	Industrial DIN-Rail Power Supply with 48VDC Output, provide max. 40W Power
MDR-60-48	Industrial DIN-Rail Power Supply with 48VDC Output, provide max. 60W Power